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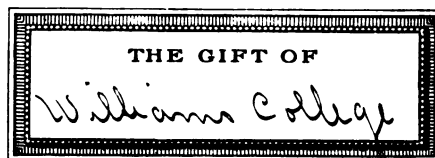
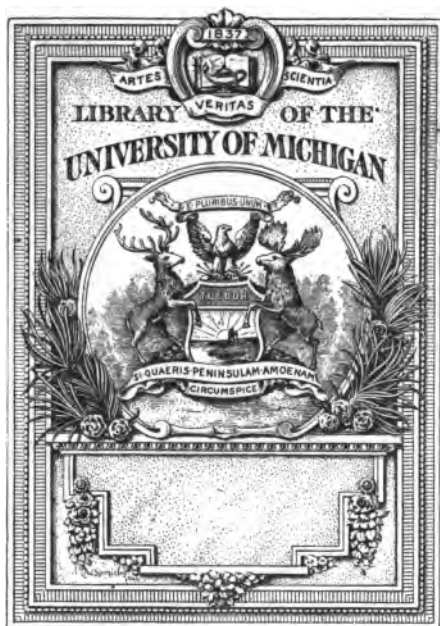
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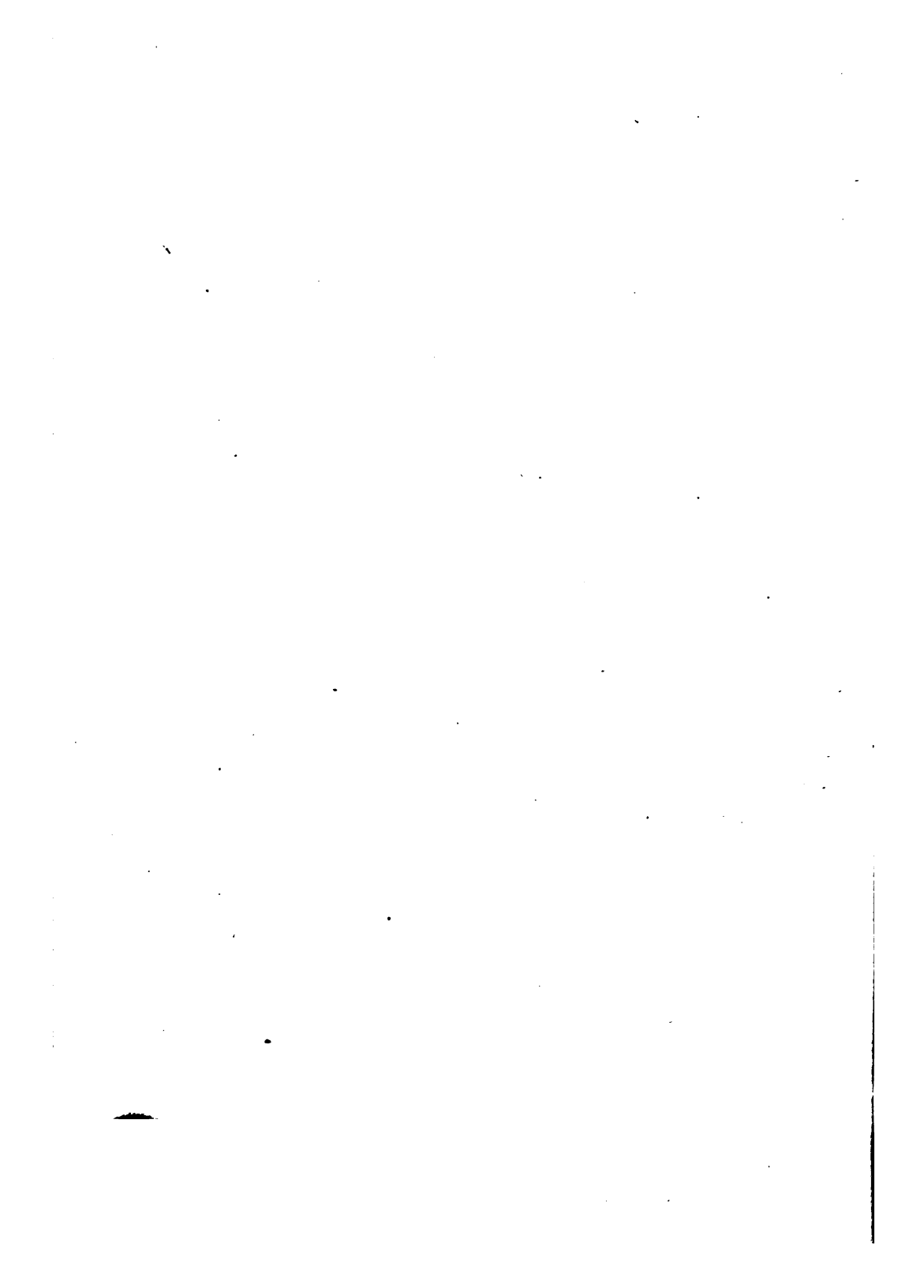
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**CATALOGUE**  
**OF**  
**WILLIAMS COLLEGE**

**1908-1909**



**WILLIAMSTOWN, MASS.**  
**PUBLISHED BY THE COLLEGE**  
**1908**





**CATALOGUE**  
**OF**  
**WILLIAMS COLLEGE**

**1908-1909**



**WILLIAMSTOWN, MASS.**  
**PUBLISHED BY THE COLLEGE**  
**1908**

1908

1909

DEC.	NOV.	OCT.	SEPT.	AUG.	JULY	SUN.	MON.	TUES.	WED.	THURS.	FRI.	SAT.
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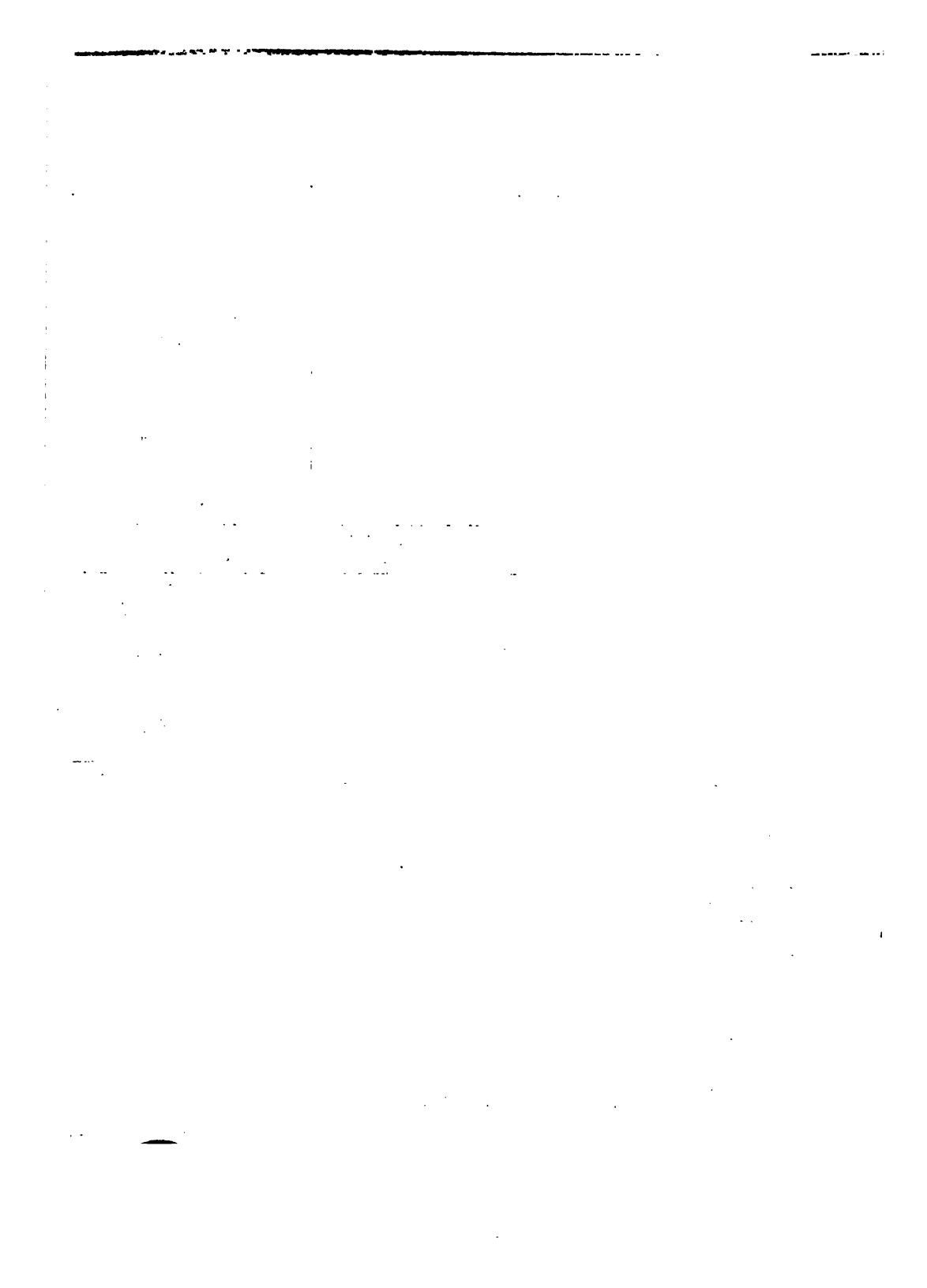
  

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2 Allen, Mr. S. E.	22 Parsons, Dr. E. B.	54 Morgan Hall
18 Atchison, Dr. C. S.	59 Perry, Prof. L.	30 Thompson Chapel
12 Burr, Mr. C. H.	18 Pratt, Prof. J. B.	61 Thompson Biological
76 Carter, Dr. F.	3 Rees, Prof. B. J.	Laboratory
18 Clark, Prof. D. T.	57 Rice, Prof. R. A.	60 Thompson Chemical
77 Clarke, Prof. S. F.	78 Russell, Prof. J. E.	Laboratory
8 Cleland, Prof. H. F.	80 Salter, Mr. S.	56 Thompson Physical
36 Collier, Prof. T. F.	26 Seeley, Mr. C. F.	Laboratory
69 Doughty, Mr. W. H.	35 Shepard, Mr. E. I.	64 West College
38 Droppers, Prof. G.	59 Smith, Prof. T. C.	
9 Ferry, Dean F. C.	58 Spring, Prof. L. W.	
56 Fountain, Dr. C. R.	7 Wahl, Prof. G. M.	73 A Δ Φ House
37 Galbraith, Mr. J. S.	10 Weston, Prof. K. E.	67 A Z A House
19 Garfield, President	37 Wetmore, Prof. M. N.	71 Δ K E House
23 Goodrich, Prof. F.	33 Wild, Prof. H. D.	39 Δ Y House
83 Green, Mr. E. A.		74 Z Ψ House
8 Griffin, Dr. F. L.	46 Baseball Cage	13 Θ Δ X House
53 Hack, Mr. R. K.	43 Berkshire Hall	4 K A Lodge
8 Hardy, Prof. J. G.	28 College Hall	72 Φ Δ Θ House
75 Hart, Mr. W. C.	42 Currier Hall	5 Φ Σ K House
15 Hewitt, Prof. J. H.	51 East College	62 X Ψ Lodge
14 Howard, Prof. F. H.	63 Edward Clark Hall	21 Σ Φ Place
25 Howes, Prof. G. E.	18 Faculty Club	79 St. Anthony Hall
1 Hoyt, Mr. W. E.	49 Fayerweather Hall	
81 Johnson, Dr. C. W.	70 Field Memorial Ob-	20 Congregation'l Church
27 Kellögg, Prof. J. L.	servatory	11 Episcopal Church
60 Kennon, Dr. W. L.	52 Goodrich Hall	41 Methodist Church
82 King, Prof. J. P.	31 Griffin Hall	34 Roman Catholic
10 Lewis, Prof. E. M.	53 Gymnasium, Lasell	Church
53 Lowe, Mr. J. A.	17 Haystack Monument	
66 Maxey, Prof. C. L.	45 Heating Plant	6 Greylock Hotel
65 McElfresh, Prof. W. E.	29 Hopkins Hall	47 The Cosmo
68 Mears, Prof. L.	44 Hopkins Observatory	24 Netherleigh
68 Mears, Mr. L. B.	16 Infirmary	
18 Milham, Prof. W. I.	55 Jesup Hall	32 Street Railway Ter-
40 Morton, Prof. A. H.	50 Library, Lawrence	minus
37 Packard, Mr. C.	Hall	48 Post Office



# CALENDAR

1908

June 24—Commencement..... Wednesday  
June 30—Last day for re-application for scholarships..... Tuesday

## SUMMER VACATION OF TWELVE WEEKS

Sept. 11-16—Examinations for admission, Fri., Sat., Mon., Tues., Wed.  
Sept. 15-17—Registration of all classes .. Tues., Wed., Thurs. morning  
Sept. 17—Beginning of the College Year..... Thursday  
Oct. 7—Induction of President Harry A. Garfield..... Wednesday  
Oct. 7—Meeting of the Board of Trustees..... Wednesday  
Oct. 13—Mountain Day, a holiday..... Tuesday  
Oct. 15—Last day for registering for the Master's Degree.. Thursday  
Nov. 2—Last day for registering for Clark Scholarships..... Monday  
Nov. 26-27—Thanksgiving Recess..... Thursday, Friday  
Dec. 22—Christmas Recess begins..... Tuesday, 4:30

1909

Jan. 5—Christmas Recess ends..... Tuesday  
Jan. 9—Clark Scholarship Examination, Minor Subject... Saturday  
Jan. 27—Recitations end..... Wednesday  
Jan. 28—Semi-annual Examinations begin..... Thursday  
Feb. 6—First Semester ends..... Saturday

Feb. 7—Second Semester begins..... Sunday  
Feb. 7—Day of Prayer for Colleges..... Sunday  
Feb. 22—Washington's Birthday, a holiday..... Monday  
April 7—Easter Recess begins..... Wednesday 4:30  
April 14—Easter Recess ends..... Wednesday  
May 6—Meeting of the Board of Trustees..... Thursday  
May 29—Clark Scholarship Examination, Major Subject... Saturday  
May 31—Memorial Day, a holiday..... Monday  
June 5—Recitations end..... Saturday  
June 7-16—Semi-annual Examinations..... Mon. through Wed.  
June 14-19—Examinations for admission, Monday through Saturday  
June 19—Graves Prize Speaking..... Saturday evening  
June 20—Baccalaureate Sermon..... Sunday forenoon  
June 20—Mission Park Meeting..... Sunday afternoon

Williams College 1-16-09

**WILLIAMS COLLEGE**

<b>June</b>	<b>21—Meeting of the Board of Trustees .....</b>	<b>Monday</b>
<b>June</b>	<b>21—Prize Rhetorical Exhibition .....</b>	<b>Monday evening</b>
<b>June</b>	<b>22—Alumni Meeting .....</b>	<b>Tuesday forenoon</b>
<b>June</b>	<b>22—Class Day Exercises .....</b>	<b>Tuesday afternoon</b>
<b>June</b>	<b>23—Commencement .....</b>	<b>Wednesday</b>
<b>June</b>	<b>30—Last day for re-application for scholarships ....</b>	<b>Wednesday</b>

**SUMMER VACATION OF TWELVE WEEKS**

<b>Sept.</b>	<b>10-15—Examinations for admission—Fri., Sat., Mon., Tues., Wed.</b>	
<b>Sept.</b>	<b>14-16—Registration of all classes .. Tues., Wed., Thurs. morning</b>	
<b>Sept.</b>	<b>16—Beginning of the College Year .....</b>	<b>Thursday</b>
<b>Oct.</b>	<b>—Mountain Day, a holiday .....</b>	
<b>Oct.</b>	<b>5—Last day for registering for the Master's Degree ...</b>	<b>Tuesday</b>
<b>Oct.</b>	<b>7—Meeting of the Board of Trustees .....</b>	<b>Thursday</b>
<b>Nov.</b>	<b>1—Last day for registering for Clark Scholarships .....</b>	<b>Monday</b>

# CONTENTS

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	Page
MAP.....	Frontispiece
COLLEGE CALENDAR.....	3
LIST OF PRESIDENTS.....	7
BOARD OF TRUSTEES.....	7
COMMITTEES OF THE BOARD OF TRUSTEES.....	8
ALUMNI OFFICERS AND VISITORS.....	9
OFFICERS OF INSTRUCTION.....	10
OFFICERS OF ADMINISTRATION.....	14
PERMANENT FACULTY COMMITTEES.....	15
HISTORICAL SKETCH OF THE COLLEGE.....	17
CHARTER OF THE FREE SCHOOL.....	17
LEGISLATIVE GRANT OF THE FREE SCHOOL.....	21
CHARTER OF THE COLLEGE.....	22
LEGISLATIVE GRANTS OF THE COLLEGE.....	25
PRINCIPAL COLLEGE BUILDINGS.....	27
REQUIREMENTS FOR ADMISSION.....	29
DETAILS OF SUBJECTS.....	31
ARRANGEMENT OF EXAMINATIONS.....	39
COLLEGE ENTRANCE EXAMINATION BOARD.....	39
PRELIMINARY EXAMINATIONS.....	41
ADMISSION BY CERTIFICATE.....	42
ANTICIPATION OF COLLEGE COURSES.....	45
GRADUATION IN THREE YEARS.....	46
ADMISSION TO ADVANCED STANDING.....	46
PARTIAL COURSE.....	46
CURRICULUM.....	48
THE GROUP SYSTEM.....	48
EXHIBIT OF STUDIES.....	50
SOPHOMORE YEAR.....	51
JUNIOR AND SENIOR YEARS.....	51
CONSPECTUS OF COURSES.....	52
GROUPS OF HOURS.....	53
COURSES OF INSTRUCTION.....	54
LANGUAGE AND LITERATURE.....	54
PHILOSOPHY.....	68
HISTORY.....	70
HISTORY OF ART AND CIVILIZATION.....	72

	Page
<b>COURSES OF INSTRUCTION—Cont.</b>	
POLITICAL SCIENCE.....	73
ECONOMICS.....	74
MATHEMATICAL AND NATURAL SCIENCES.....	75
PHYSICAL TRAINING.....	86
ORDER AND DISCIPLINE.....	87
HONOR SYSTEM.....	87
REGISTRATION.....	87
ATTENDANCE ON COLLEGE EXERCISES.....	88
COMPLETION OF COURSES.....	88
DEGREES.....	89
RECORDS AND REPORTS.....	92
PUBLIC WORSHIP.....	92
PREACHERS TO THE COLLEGE.....	92
LIBRARY.....	93
LABORATORIES.....	94
OBSERVATORIES.....	95
GEOLOGICAL COLLECTIONS.....	96
GYMNASIUM.....	97
COLLEGE INFIRMARY.....	98
PRIZES.....	98
PHI BETA KAPPA.....	103
HONORS.....	104
LYCEUM OF NATURAL HISTORY.....	105
CLASSICAL SOCIETY.....	105
ART ASSOCIATION AND COLLECTION.....	106
LIBRARY ART COLLECTION.....	106
THOMPSON COURSE OF ENTERTAINMENTS.....	106
FIELD SPORTS.....	106
SCHOLARSHIPS.....	107
SCHOLARSHIP FUNDS.....	111
EXPENSES.....	113
COLLEGE ROOMS.....	114
PRIZES AWARDED IN 1908.....	117
HONORS AWARDED AT COMMENCEMENT, 1908.....	121
HOLDERS OF SCHOLARSHIPS.....	122
COMMENCEMENT APPOINTMENTS IN 1908.....	124
DEGREES CONFERRED IN 1908.....	125
STUDENTS.....	128
SUMMARIES.....	143
INDEX.....	145



## **PRESIDENTS**

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REV. EBENEZER FITCH, D.D., 1793-1815  
REV. ZEPHANIAH SWIFT MOORE, D.D., 1815-1821  
REV. EDWARD DORR GRIFFIN, D.D., 1821-1836  
REV. MARK HOPKINS, D.D., LL.D., 1836-1872  
HON. PAUL ANSEL CHADBOURNE, D.D., LL.D., 1872-1881  
FRANKLIN CARTER, Ph.D., LL.D., 1881-1901  
(JOHN HASKELL HEWITT, LL.D., Acting President 1901-1902)  
REV. HENRY HOPKINS, D.D., LL.D., 1902-1908  
HARRY AUGUSTUS GARFIELD, LL.D., 1908-

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## **TRUSTEES**

---

HARRY AUGUSTUS GARFIELD, LL.D

### **PRESIDENT**

REV. WILLIAM WISNER ADAMS, D.D., Fall River  
FRANCIS LYNDE STETSON, M.A., New York City  
HON. ALBERT CHARLES HOUGHTON, North Adams  
HAMILTON WRIGHT MABIE, L.H.D., LL.D., New York City  
REV. DANIEL MERRIMAN, D.D., Worcester  
HON. JOSEPH EDWARD SIMMONS, LL.D., New York City  
EUGENE DELANO, M.A., New York City  
HON. JAMES ROBERT DUNBAR, B.A., Brookline  
HON. BENTLEY WIRT WARREN, B.A., Boston  
REV. HARRY PINNEO DEWEY, D.D., Minneapolis, Minn.  
PRESIDENT HENRY LEFAVOUR, Ph.D., LL.D., Boston  
PROFESSOR BLISS PERRY, L.H.D., Litt. D., LL.D., Boston  
FREDERIC BEACH JENNINGS, M.A., New York City  
HON. HOWARD JASON ROGERS, LL.D., Albany, N. Y.  
CHARLES SUMNER HOLT, B.A., Chicago

**WILLIAMS COLLEGE****WILLARD EVANS HOYT, M.A.****SECRETARY AND TREASURER**

---

**EXECUTIVE COMMITTEE**

**WILLIAM W. ADAMS  
DANIEL MERRIMAN  
HAMILTON W. MABIE  
HARRY P. DEWEY  
FREDERIC B. JENNINGS**

**FINANCE COMMITTEE**

**J. EDWARD SIMMONS  
FRANCIS L. STETSON  
EUGENE DELANO  
ALBERT C. HOUGHTON**

**COMMITTEE ON GROUNDS, BUILDINGS, AND IMPROVEMENTS**

**BENTLEY W. WARREN      HENRY LEFAVOUR  
BLISS PERRY**

**COMMITTEE ON DEGREES**

**CHARLES SUMNER HOLT**

**COMMITTEE ON THE LIBRARY**

**JAMES R. DUNBAR      HOWARD J. ROGERS**

The corporate name of the college is

**THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE.**

## ALUMNI OFFICERS

---

**PRESIDENT—REV. FRANCIS NATHAN PELOUBET, D.D.,** Auburndale,  
Class of 1853

**VICE-PRESIDENT—JUDGE CHARLES BARKER WHEELER, LL.D.,** Buf-  
falo, N. Y., Class of 1873

**SECRETARY AND NECROLOGIST—REV. EBEN BURT PARSONS, D.D.,**  
Williamstown, Class of 1859

**TREASURER—J. MAUS SCHERMERHORN, M.A.,** New York City, Class  
of 1869

---

## ALUMNI VISITORS

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1906-1909

**PROFESSOR WILLIAM KEITH BROOKS, PH.D., LL.D.,** Baltimore, Md.,  
Class of 1870

**PRINCIPAL FREDERICK JAMES FESSENDEN,** West Newton, Mass.,  
Class of 1887

1907-1910

**CHARLES ANDREW HEATH,** Chicago, Ill., Class of 1882

**JAMES DENISON COLT, M.A.,** Boston, Class of 1884

1908-1911

**REV. STEPHEN WINCHESTER DANA, D.D.,** Philadelphia, Pa., Class  
of 1861

**REV. AUSTIN BRADLEY BASSETT, D.D.,** Hartford, Conn., Class of  
1881

## OFFICERS OF INSTRUCTION\*

---

HARRY AUGUSTUS GARFIELD, LL.D.	Main St.
<i>President</i>	
FRANKLIN CARTER, PH.D., LL.D.	South St.
<i>Lecturer on Theism</i>	
SAMUEL FESSENDEN CLARKE, PH.D.	South St.
<i>Professor of Natural History</i>	
LEVERETT MEARS, PH.D.	Hoxsey St.
<i>Professor of Chemistry</i>	
RICHARD AUSTIN RICE, M.A.	Grace Court
<i>Professor of the History of Art and Civilization</i>	
JOHN HASKELL HEWITT, LL.D.	Witterstowe
<i>Lawrence Professor of the Greek Language and Literature</i>	
REV. LEVERETT WILSON SPRING, D.D.	Grace Court
<i>Morris Professor of Rhetoric</i>	
JOHN EDWARD RUSSELL, M.A.	South St.
<i>Mark Hopkins Professor of Intellectual and Moral Philosophy</i>	
FRANK GOODRICH, PH.D.	College Place
<i>Professor of European History</i>	
GEORGE MORITZ WAHL, L.H.D.	West Main St.
<i>Professor of the German Language and Literature</i>	
HENRY DANIEL WILD, M.A.	Southworth St.
<i>Massachusetts Professor of the Latin Language and Literature</i>	
ASA HENRY MORTON, L.H.D.	15 East Main St.
<i>Professor of the Romance Languages</i>	
CARROLL LEWIS MAXCY, M.A.	5 Hoxsey St.
<i>Professor of English</i>	
FREDERICK CARLOS FERRY, PH.D.	103 Main St.
<i>Dean and Professor of Mathematics</i>	

\*Arranged in the order of appointment to rank

## WILLIAMS COLLEGE

11

WELLES LEBSTER MILHAM, PH.D. <i>Field Memorial Professor of Astronomy</i>	Faculty Club
JAMES LAWRENCE KELLOGG, PH.D. <i>Professor of Biology</i>	College Place
THEODORE CLARKE SMITH, PH.D. <i>J. Leland Miller Professor of American History, Literature, and Eloquence</i>	Grace Court
HERDMAN FITZGERALD CLELAND, PH.D. <i>Professor of Geology and Mineralogy</i>	105 Main St.
WILLIAM EDWARD MCELFFRESH, PH.D. <i>Thomas T. Read Professor of Physics</i>	Hoxsey St.
GEORGE EDWIN HOWES, PH.D. <i>Garfield Professor of Ancient Languages</i>	College Place
JAMES GRAHAM HARDY, PH.D. <i>Associate Professor of Mathematics</i>	109 Main St.
FREDERICK HOLLIS HOWARD, M.D. <i>Professor of Physiology</i>	Park St.
GARRETT DROPPERS, PH.D. <i>Acting Professor of Political Economy</i>	Southworth St.
<hr/> <i>Jackson Professor of Christian Theology, and Pastor of the College Church</i>	
<hr/> <i>Orrin Sage Professor of Political Economy</i>	
<hr/> <i>David A. Wells Professor of Political Science</i>	
<hr/> <i>Barclay Jermain Professor of Natural Theology</i>	
JAMES PERCIVAL KING, PH.D. <i>Assistant Professor of German</i>	Glen St.
LEWIS PERRY, M.A. <i>Assistant Professor of English</i>	Grace Court
KARL EPHRAIM WESTON, M.A. <i>Assistant Professor of the Romance Languages</i>	99 Main St.

DAVID TAGGART CLARK, M.A. <i>Assistant Professor of Greek</i>	Faculty Club
MONROE NICHOLS WETMORE, PH.D. <i>Assistant Professor of Latin</i>	Southworth St.
EDWARD MORGAN LEWIS, M.A. <i>Assistant Professor of Public Speaking and Oratory</i>	101 Main St.
JAMES BISSETT PRATT, PH.D. <i>Assistant Professor of Philosophy</i>	Faculty Club
BYRON JOHNSON REES, M.A. <i>Assistant Professor of English</i>	125 Main St.
THEODORE FRELINGHUYSEN COLLIER, PH.D. <i>Assistant Professor of History</i>	Southworth St.
ELMER IRWIN SHEPARD, M.A. <i>Instructor in Mathematics</i>	Southworth St.
SAMUEL EDWARD ALLEN, M.A. <i>Instructor in English</i>	West Main St.
JOHN MARTYN WARBEKE, PH.D. <i>Instructor in German</i>	East Main St.
WILLIAM HOWARD DOUGHTY, JR., LL.B. <i>Instructor in Government</i>	Hoxsey St.
FRANK LOXLEY GRIFFIN, PH.D. <i>Instructor in Mathematics</i>	107 Main St.
CARL WILHELM JOHNSON, PH.D. <i>Instructor in German</i>	Glen St.
WILLIAM LEE KENNON, PH.D. <i>Instructor in Chemistry</i>	T. C. L.
CLAUDE RUSSELL FOUNTAIN, PH.D. <i>Instructor in Physics</i>	T. P. L.
CLYDE SHEPHERD ATCHISON, PH.D. <i>Instructor in Mathematics</i>	Faculty Club
HENRY HERMANN LOUIS SCHULZE, M.A. <i>Instructor in German</i>	Glen St.
GUY ROGERS CLEMENTS, M.A.† <i>Instructor in Mathematics</i>	

WILLIAMS COLLEGE

13

JOHN SAYWARD GALBRAITH, M.A. <i>Instructor in Greek and Latin</i>	Southworth St.
RENE LOUIS BOSC, Licencié ès Lettres <i>Instructor in French</i>	Hoxsey St.
ALBERT LOUIS CRU, Bachelier ès Lettres <i>Instructor in French</i>	Water St.
JEAN NORTON CRU, Professeur d'Ecole Supérieure <i>Instructor in French</i>	East Main St.
AURELIEN ANTOINE DIGEON, Licencié ès Lettres <i>Instructor in French</i>	Hoxsey St.
ROY KENNETH HACK, B. Litt. <i>Instructor in Latin</i>	Gymnasium
CHARLES PACKARD, M.S. <i>Instructor in Biology</i>	Southworth St.
CHARLES FREDERICK SEELEY <i>Director of the Gymnasium</i>	College Place
SUMNER SALTER, B.A. <i>Director of Music</i>	Glen St.
SHEPARD ASHMAN MORGAN, M.A.† <i>Assistant in Government</i>	
GEORGE TILDEN COLMAN, B.A. <i>Assistant in History Library</i>	Thomas St.
ROY STANLEY CORWIN, B.A. <i>Assistant in Geology</i>	Southworth St.
RUSSELL VALENTINE HOBSON, B.A. <i>Assistant in Government Library</i>	3 Spring St.
LEVERETT BURNHAM MEARS, M.A. <i>Assistant in Chemistry</i>	Hoxsey St.

†Absent on leave

## OFFICERS OF ADMINISTRATION

---

HARRY AUGUSTUS GARFIELD, LL.D.  
*President*

HENRY DANIEL WILD, M.A.  
*Chairman pro tempore of the Faculty*

FREDERICK CARLOS FERRY, PH.D.  
*Dean of the College*

WILLARD EVANS HOYT, M.A.  
*Treasurer*

REV. EBEN BURT PARSONS, D.D.  
*Secretary of the Faculty and Registrar*

REV. CHARLES HENRY BURE, M.A.  
*Librarian*

ELMER ALANSON GREEN, M.A.  
*Recorder*

WILLIAM COOK HART, B.A.  
*Assistant to the Treasurer*

JOHN ADAMS LOWE, M.A.  
*Library Assistant, Cataloguing Department*

EDITH LUELLA WATSON, B.S.  
*Library Assistant, Loan Department*

MERTIE MAY BACHELDER, B.S.  
*Library Assistant, Reference Department*

HESTER PAIGE FISHER, B.S.  
*Library Assistant, Reference Department*

OLIVE LOUISE FISKE, B.S.  
*Stenographer to the President and the Dean*



## PERMANENT FACULTY COMMITTEES

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The President of the College is *ex-officio* a member of all committees.

### COMMITTEE ON ADMINISTRATION

*The President*

*The Chairman pro tempore of the Faculty*

*The Dean of the College*

*Senior Class Officer*—PROFESSOR SPRING

*Junior Class Officer*—PROFESSOR MEARS

*Sophomore Class Officer*—PROFESSOR GOODRICH

*Freshman Class Officer*—PROFESSOR HEWITT

### LIBRARY COUNCIL

THE PRESIDENT OF THE COLLEGE, *ex-officio*

THE LIBRARIAN OF THE COLLEGE, *ex-officio*

PROFESSOR HEWITT

PROFESSOR SPRING

PROFESSOR CLARKE

### COMMITTEE ON ADMISSIONS

DEAN FERRY, *Chairman*

PROFESSOR HEWITT

PROFESSOR GOODRICH

PROFESSOR WAHL

PROFESSOR WILD

PROFESSOR MORTON

PROFESSOR MAXCY

### COMMITTEE ON SCHOLARSHIPS

PROFESSOR KELLOGG, *Chairman*

DEAN FERRY

### COMMITTEE ON CLARK SCHOLARSHIPS

PROFESSOR HEWITT, *Chairman*

ASSOCIATE PROFESSOR HARDY

PROFESSOR KELLOGG

**WILLIAMS COLLEGE**

**COMMITTEE ON PRIZES**

**PROFESSOR MAXCY**

**COMMITTEE ON GRADUATE STUDENTS**

**PROFESSOR HEWITT, *Chairman***

**PROFESSOR MAXCY, *Secretary***

**COMMITTEE ON EXTRA WORK**

**ASSISTANT PROFESSOR CLARK, *Chairman***

**PROFESSOR McELFRESH**

**ASSISTANT PROFESSOR PRATT**

**COMMITTEE ON THE BULLETIN**

**ASSOCIATE PROFESSOR HARDY, *Chairman—Editor of the Catalogue***  
**REV. E. B. PARSONS, *Editor of the Alumni Report and Obituary Record***

**COMMITTEE ON MUSIC**

**PROFESSOR MEARS**

**COMMITTEE ON ATHLETICS**

**(*Faculty members of the Athletic Council*)**

**PROFESSOR WILD, *Chairman***

**PROFESSOR MAXCY**

**ASSISTANT PROFESSOR PERRY**

**COMMITTEE ON THE HONOR SYSTEM**

**PROFESSOR RICE, *Chairman***

**PROFESSOR RUSSELL**

**ASSOCIATE PROFESSOR HARDY**

## WILLIAMS COLLEGE

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The college owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows:

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

WHEREAS, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament, in which, after divers bequests, devises, and dispositions, is contained the following clause, viz.:

Item: "It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever; provided, the said township shall fall within the jurisdiction of the Province of Massachusetts Bay; and provided, also, the Governor and General Court give the same township the name of Williamstown; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented, that it may be a matter of doubt and uncertainty whether the township mentioned in the above recited clause (which is now incorporated by the name of Williamstown) has so far fallen within the jurisdiction of the Province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in said town; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same.

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands, applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose;

SECTION 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thompson Joseph Skinner, Esquires, the Reverends Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of "The Trustees of the donation of Ephraim Williams, Esq., for maintaining a Free School in Williamstown;" and that the said trustees and their successors be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number not less than seven, nor more than

nine persons, excepting only that whenever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and record all votes, acts, orders, and proceedings made, done or passed by the trustees; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth; and whenever any of the above-mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence, or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention;

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interest of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust; and the trustees shall appear and lay

their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted, that the said trustees and their successors forever shall have the possession, management, and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from time to time, receive from the Supreme Judicial Court; and they are hereby empowered to appoint and employ instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive in their own possession and management, the whole estate, property, and interest, contained in the aforesaid donation;

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation; all of which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the name of the said executors, or one of them, and delivered as aforesaid, shall become the property of the trustees to all intents and purposes; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promisors, mortgagors, or tenants, for recovering the contents of the same securities, or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donations should afford an interest more than sufficient for the sup-

port and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire; and whereas questions and disputes may arise touching the (nature) meaning and extent of this part of the will, and where there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown;

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court; and the trustees shall always conform their conduct and administration herein to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School \* \* \* not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building, the trustees sent a petition, August 19, 1788, to the legislature, "for the grant of a lottery to raise the sum of twelve hundred pounds." Accordingly an act was passed February 11, 1789, making such a grant.

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The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several circumstances attending the situation of the Free School \* \* \* peculiarly favorable to a seminary of a more public and important nature." The petition was granted, and an act to establish the college and to transfer to it the property of the Free School was passed June 22, 1793:

An act to establish a college in the County of Berkshire, within this Commonwealth, by the name of Williams College.

Be it enacted by the Senate and House of Representatives, in the General Court assembled, and by the authority of the same, that there be erected and established in the town of Williamstown, in the County of Berkshire, a college, for the purpose of educating youth, to be called and known by the name of Williams College, to be under the government and regulation of a body politic and corporate, as hereafter in this act provided.

And be it further enacted by the authority aforesaid, that John Bacon, Esq., Rev. Daniel Collins, Israel Jones, Woodbridge Little, David Noble, Theodore Sedgwick, Thompson J. Skinner, Esquires, Rev. Seth Swift, Henry Vanscaak, Esq., Rev. Stephen West, D.D., William Williams and Elijah Williams, Esquires, together with the president of the said college for the time being, to be chosen as in this act is hereafter directed, be and hereby are created a body politic and corporate, by the name of "The President and Trustees of Williams College," and that they and their successors, and such others as shall be duly elected members of the said corporation, shall be and remain a body politic and corporate, by that name forever.

And be it further enacted by the authority aforesaid, that for the more orderly conducting the business of the said corporation, The President and Trustees shall have full power and authority from time to time, as they shall determine, to elect a vice president and secretary of the said corporation and to declare the tenures and duties of their respective offices and also to remove any trustee from the said corporation, when, in their judgment, he shall be rendered incapable, by age or otherwise, of discharging the duties of his office or shall neglect or refuse to perform the same, and to fill up all vacancies in the said corporation, by electing such persons for trustees as they

WILLIAMS



shall judge best. Provided, nevertheless, that the number of the said trustees, including the president of the said college, for the time being, shall never be greater than seventeen nor less than eleven.

And be it further enacted, that the said corporation may have one common seal, which they may change, break or renew, at their pleasure; and that all deeds signed and delivered by the treasurer, and sealed with their seal, by order of the President and Trustees, shall, when made in their corporate name, be considered in law as the deed of the said corporation; and that the said corporation may sue and be sued in all actions, real, personal or mixed, and may prosecute and defend the same to final judgment and execution, by the name of the President and Trustees of Williams College; and that the said corporation shall be capable of having, holding and taking in fee simple of any less estate, by gift, grant, devise or otherwise, any lands, tenements or other estate real or personal. Provided, nevertheless, that the annual clear income of the same shall not exceed the sum of six thousand pounds.

And be it further enacted by the authority aforesaid, that the said corporation shall have full power and authority to determine at what times and places their meetings shall be holden and in the manner of notifying the trustees to convene at such meetings; and also from time to time, elect a president and treasurer of said college, and such professors, tutors, instructors, and other officers of said college as they shall judge most for the interest thereof, and to determine the duties, salaries, emoluments and tenures of their several officers aforesaid; the said president, for the time being, when elected and inducted into his office, to be, ex-officio, president of said corporation. And the said corporation are further empowered to purchase or erect, and to keep in repair, such houses and other buildings as they shall judge necessary for the said college; and also to make and ordain, as occasion may require, reasonable rules, orders and by-laws, not repugnant to the laws of this Commonwealth, with reasonable penalties, for the good government of the said college; and also to determine and prescribe the mode of ascertaining the qualifications of the students, requisite to their admission; and also to confer such degrees as are usually conferred by universities established for the education of youth. Provided, nevertheless, that no corporate business shall be transacted at any meeting, unless seven at least of the trustees are present; and provided further, that the said corporation shall confer no degree other than those of Bachelor of Arts and Master of Arts, until after the first day of January, which shall be in the year of our Lord one thousand eight hundred.

And be it further enacted by the authority aforesaid, that the clear

rents, issues and profits of all the estates, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated to the endowment of said college, in such manner as shall most effectually promote virtue and piety, and the knowledge of such of the languages, and of the liberal arts and sciences as shall hereafter be directed from time to time, by the said corporation.

And be it further enacted by the authority aforesaid, that the Hon. Thompson J. Skinner, Esq., be, and he is hereby authorized and empowered to fix the time and place for holding the first meeting of the said corporation, of which he shall give notice by an advertisement in the Stockbridge newspapers, at least fourteen days previous thereto.

And be it further enacted by the authority aforesaid, that the treasurer of the said college shall, before he enter upon the execution of the duties of his office, give bonds to the said corporation, with such sums, and with such sureties as they shall approve of, conditioned for the faithful discharge of the said office, and for rendering a just and true account of his doings therein, when required. And that all the money, securities and other property of The President and Trustees of Williams College, together with all the books in which his accounts and proceedings as treasurer were entered and kept, that shall be in his hands at the expiration of his office, shall, upon demand made upon him, his executors or administrators, be paid and delivered over to his successor in that office. And all monies recovered by virtue of any suit at law, upon said bond, shall be paid over to the president and trustees aforesaid, and subjected to the appropriation above directed in this act.

And be it further enacted by the authority aforesaid, that the Legislature of this Commonwealth may grant any further powers to, or alter, limit, annul or restrain any of the powers by this act vested in said corporation, as shall be judged necessary to promote the best interest of the said college; and, more especially, may appoint and establish overseers or visitors of the said college, with all necessary powers and authorities for the better aid, preservation and government thereof.

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth; three hundred pounds of the same to be paid the first day of September, one

thousand seven hundred ninety-three, and three hundred pounds annually, on the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows:

WHEREAS, Doubts have arisen, whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to the trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a Free School in WILLIAMSTOWN, are by virtue of the same act transferred to and vested in the corporation of THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE:

Be it therefore enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE, who are hereby authorized to commence and prosecute to final judgment and execution, any suit or action in law or equity, which the said trustees of the donation of EPHRAIM WILLIAMS, Esquire, for maintaining a free school in WILLIAMSTOWN, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve; and also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution, made the following report, February 19, 1805:

The Committee of both Houses, to whom was referred the petition of The President and Trustees of Williams College, praying the aid of government to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise, and progress of the seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future extensive benefits to society, and that a chapel for the purposes above mentioned would essentially promote the same; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following resolve:

*Resolved*, For reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles square to be laid out and assigned from any of the unappropriated lands belonging to the Commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians. \* \* \*

In 1809 the legislature granted another township of land in Maine "for further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for sustaining a professor of the Oriental languages." The sum of \$9,500 was realized from the last two townships.

The legislature passed an act February 24, 1814, "for the Encouragement of Literature, Piety and Morality and the Useful Arts and Sciences," and appropriated the taxes due to the Commonwealth from the Massachusetts Bank, "for the ten years next to come," to Harvard, Williams, and Bowdoin. Of this fund Williams received three-sixteenths parts, which amounted to \$30,000. In 1859 the State gave the College \$25,000 and in 1868, \$75,000. The total of these legislative gifts is \$153,500.

In 1883 the following act was passed:

An act to authorize The President and Trustees of Williams College to hold additional real and personal estate.

[Be it enacted, etc., as follows:]

SECTION 1. The proviso in section 4 of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, is hereby amended so as to read: "Provided, nevertheless, that the clear annual income of the same shall not exceed two hundred thousand dollars."

SECTION 2. This act shall take effect upon its passage.

In 1890 the legislature passed the following act:

The corporation known as The President and Trustees of Williams College and its standing committees may hold special meetings without the limits of the Commonwealth.

In 1906 the legislature passed the following act:

An act to authorize The President and Trustees of Williams College to hold additional real and personal property.

[Be it enacted, etc., as follows:]

SECTION 1. The proviso at the end of section four of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, as amended by chapter thirty-nine of the acts of the year eighteen hundred and eighty-three is hereby further amended by striking out the words "two hundred thousand," in the last line of the proviso, and inserting in place thereof the words:—one million,—so that the proviso will read as follows:—*Provided, nevertheless*, that the clear annual income of the same shall not exceed one million dollars.

SECTION 2. This act shall take effect upon its passage.

The principal college buildings with the dates of their erection are as follows: West College, 1790; East College, 1798; burned in 1841, rebuilt, 1842; Fayerweather Hall, 1905; formerly South College, 1842; Griffin Hall, 1828; moved and remodeled in 1904; Hopkins Observatory, 1837; Lawrence Hall Library, 1846; Goodrich Hall, 1859; formerly the Alumni Hall Chapel, remodeled and converted into recitation and seminar rooms in 1905; College Hall, 1872; Edward Clark Hall, 1908; original

structure erected in 1881; Field Memorial Observatory, 1882; Morgan Hall, 1882; Lasell Gymnasium, 1886; Library Extension, 1890; Hopkins Memorial Hall, 1890; Thompson Chemical Laboratory, 1892; Thompson Biological Laboratory, 1893; Thompson Physical Laboratory, 1893; College Infirmary, 1895; Jesup Hall, 1899; Thompson Memorial Chapel, 1904; Central Heating Plant, 1904; Berkshire Hall, 1905; Currier Hall (in building).

## ADMISSION

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*All correspondence in matters of admission should be addressed to the Chairman of the Committee on Admissions.*

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## REQUIREMENTS FOR ADMISSION

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An application for admission should be filed by every candidate not later than August 1st of the year in which he wishes to enter college. A blank for this purpose can be secured by addressing the Chairman of the Committee on Admissions.

Every candidate for admission must present a testimonial of good character from the teacher under whom he was prepared for college. This must be submitted before the attendance on college exercises begins.

Candidates for admission to the Freshman class must present satisfactory qualifications in one of the following groups of subjects, the work covered by each subject being given in detail below. Students admitted under any of the six groups are counted as candidates for the degree of Bachelor of Arts, but those entering under Group VI, in order to gain the degree, must complete the necessary admission work for transfer to one of the full-course groups, in addition to the requirements for graduation prescribed for that full-course group.

### GROUP I

English  
Greek  
History *a*  
Latin  
Mathematics *a* and *c*  
An Elective

### GROUP II

English  
French *a* and *b*  
History *a*  
Latin  
Mathematics *a* and *c*  
An Elective

## WILLIAMS COLLEGE

## GROUP III

English  
 German *a* and *b*  
 History *a*  
 Latin  
 Mathematics *a* and *c*  
 An Elective

## GROUP IV

English  
 French *a*  
 History *a*  
 Latin  
 Mathematics *a*, *b*, *c*, *d*, and *f*  
 An Elective

## GROUP V

English  
 German *a*  
 History *a*  
 Latin  
 Mathematics *a*, *b*, *c*, *d*, and *f*  
 An Elective

## GROUP VI

(PARTIAL COURSE)

English  
 Greek or Latin  
 History *a*  
 Mathematics *a* and *c*  
 An Elective

The Elective required may be chosen by the candidate from the following list, it being understood that no subject specified as a requirement of a particular Group (like French *a* and French *b* in Group II) may serve as an Elective in that Group:

## CLASS A

Botany  
 History *b*  
 History *c*  
 History *d*

## CLASS B

Biology	German <i>b</i>
Chemistry	Mathematics <i>b</i>
French <i>a</i>	Mathematics <i>d</i>
French <i>b</i>	Mathematics <i>f</i>
German <i>a</i>	Physics

The Electives of Class A may be presented by certificate or by examination; those of Class B may be presented by examination only.

The number of year-hours required for graduation is sixty-two, if the candidate offers an Elective of Class A;



if he offers an Elective of Class B, the number of hours required for graduation is reduced by one for Mathematics *d*; by one and one-half for Mathematics *b* or Mathematics *f*; by two for Biology, Chemistry, or Physics; and by three for French *a*, French *b*, German *a*, or German *b*. If a candidate offers two or more of the Electives of Class B (selecting those not specifically required in his Group), the requirement for graduation is diminished by the corresponding total number of hours. (Cf. pages 45-46.)

The details of the requirements in each subject are given in the following pages. English includes in every case English *a* and *b*; Greek includes Greek *a*, *b*, *c*, and *g*; and Latin includes Latin *a*, *b*, *c*, *d*, *m*, and *q*.

For the details of the requirements in Biology, Botany, Chemistry and Physics, see "Anticipation of College Courses," p. 45, and also *Biology* 1, *Botany* (*Biology* 5), *Chemistry* 1, and *Physics* 1 in the announcements of the respective departments.

The notation used agrees in general with that of the College Entrance Examination Board.

#### DETAILS OF SUBJECTS

**ENGLISH** Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) power to read with intelligence and appreciation.

##### ENGLISH GRAMMAR

To secure the first end, training in grammar and the simpler principles of rhetoric, and the writing of frequent compositions are essential. The candidate must be able to spell, capitalize, and punctuate correctly. He must show a practical knowledge of the essentials of English grammar, including ordinary grammatical terminology, inflections, syntax, the use of phrases and clauses; a thorough training in the construction of the sentence; and familiarity with the simpler principles of paragraph division and structure.

**READING** To secure the second end, the candidate is required to read the works named below under *a* and *b*. The

## WILLIAMS COLLEGE

list is intended to give him the opportunity of reading, under intelligent direction, a number of important pieces of literature.

- a The candidate should read the books prescribed below with a view to understanding and enjoying them. He will be expected to show a reasonable degree of familiarity with their substance. To test the candidate's command of clear and accurate English, he will be required to write brief compositions upon one or more topics from the assigned readings in a, as indicated below. After 1910 the candidate will also be required to write upon one or more subjects of ordinary experience or knowledge, not taken from the prescribed books.

## FOR STUDENTS ENTERING IN 1909

Shakespeare's *The Merchant of Venice* and *Julius Cæsar*; Bunyan's *The Pilgrim's Progress* (Part 1); the *Sir Roger de Coverley Papers* in the *Spectator*; Scott's *The Lady of the Lake* and *Ivanhoe*; Irving's *Sketch Book*; Macaulay's *Lays of Ancient Rome*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; George Eliot's *Silas Marner*

## FOR STUDENTS ENTERING IN 1910 AND 1911

Shakespeare's *The Merchant of Venice* and *Julius Cæsar*; the *Sir Roger de Coverley Papers* in the *Spectator*; Franklin's *Autobiography*; Scott's *The Lady of the Lake* and *Ivanhoe*; Hawthorne's *The House of the Seven Gables*; Macaulay's *Lays of Ancient Rome*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Dickens's *A Tale of Two Cities*

- b The candidate should be able to answer specific questions on the contents of the books prescribed below. The examination is not designed, however, to require minute drill in difficulties of verbal expression, unimportant allusions, or technical details.

## FOR STUDENTS ENTERING IN 1909, 1910, AND 1911

Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America* or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*

Note: The books for 1909, 1910, and 1911 are selected from the list adopted by the Conference on Uniform Entrance Requirements in English, at a meeting held in Newark, N. J., February 22, 1905. Candidates may make other selections from that list provided they give notice of their intention to present these books, on or before the first day of February preceding the examination.

In 1909, 1910, and 1911 the results of the examinations of the College Entrance Examination Board will be accepted, even if at that time the requirements of the Board should differ from those presented above.

## FRENCH

a

### Elementary French

The Aim of the Instruction At the end of the elementary course the pupil should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of every-day life or based upon a portion of the French text read, and to answer questions on the rudiments of the grammar as defined below.

The Work to be Done During the first year the work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the form and the principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

During the second year the work should comprise: (1) the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations

upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and the use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and the subjunctive.

Suitable texts for the second year are: About's *Le roi des montagnes*, Bruno's *Le tour de la France*, Daudet's easier short tales, LaBédollière's *La Mère Michel et son chat*, Ereckmann-Chatrian's stories, Foa's *Contes biographiques* and *le petit Robinson de Paris*, Foncin's *Le pays de France*, Labiche and Martin's *La poudre aux yeux* and *Le voyage de M. Perrichon*, Legouvé and Labiche's *La cigale chez les fourmis*, Malot's *Sans famille*, Mairat's *La tâche du petit Pierre*, Mérimée's *Colomba*, extracts from Michelet, Sarcey's *Le siège de Paris*, Verne's stories.

#### b The Intermediate Requirement

**The Aim of the Instruction** At the end of the intermediate course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course.

**The Work to be Done** This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories, Augier and Sandeau's *Le gendre de M. Poirier*, Béranger's poems, Corneille's *Le Cid* and *Horace*, Coppée's poems, Daudet's *La Belle-Nivernaise*, La Brète's *Mon oncle et mon curé*, Madame de Sévigné's letters, Hugo's *Hernani* and *La chute*, Labiche's plays, Loti's *Pêcheur d'Islande*, Mignet's historical writings, Molière's *L'avare* and *Le bourgeois gentilhomme*, Racine's *Athalie*, *Andromaque* and *Esther*,

George Sand's plays and stories, Sandeau's *Mademoiselle de la Seiglière*, Scribe's plays, Thierry's *Récits des temps mérovingiens*, Thier's *L'expédition de Bonaparte en Égypte*, Vigny's *La cenne de jone*, Voltaire's historical writings.

## GERMAN

a

## The Elementary Requirement

**The Aim of the Instruction** At the end of the elementary course in German the pupil should be able to read at sight, and to translate, if called upon, by way of proving ability to read, a passage of very easy dialogue or narrative prose, help being given upon unusual words and constructions, to put into German short English sentences taken from the language of every-day life or based upon the text given for translation, and to answer questions upon the rudiments of the grammar, as defined below.

**The Work to be Done** During the first year the work should comprise: (1) careful drill upon pronunciation; (2) the memorising and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of every-day life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (5) the reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in the reproduction from memory of sentences previously read.

During the second year the work should comprise: (1) the reading of from 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in the translation into German of easy variations upon the matter read and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of the

grammar, directed to the ends of enabling the pupil, first, to use his knowledge with facility in the formation of sentences, and, secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Anderson's *Märchen* and *Bilderbuch ohne Bilder*; Arnold's *Fritz auf Ferien*; Baumbach's *Die Nonna* and *Der Schwiegersohn*; Gerstäcker's *Germelshausen*; Heyse's *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern's *Höher als die Kirche*; Jensen's *Die braune Erica*; Leander's *Träumereien*, and *Kleine Geschichten*; Seidel's *Märchen*; Stöckl's *Unter dem Christbaum*; Storm's *Immensee* and *Geschichten aus der Tonne*; Zschokke's *Der zerbrochene Krug*.

Good plays adapted to the elementary course are much harder to find than good stories. Five-act plays are too long. They require more time than it is advisable to devote to any one text. Among shorter plays the best available are perhaps Benedix's *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz's *Er ist nicht eifersüchtig*; Wichert's *An der Majorsecke*; Wilhelm's *Einer muss heiraten*. It is recommended, however, that not more than one of these plays be read. The narrative style should predominate. A good selection of reading matter for the second year would be Andersen's *Märchen*, or *Bilderbuch*, or Leander's *Träumereien*, to the extent of, say, forty pages. After that such a story as *Das kalte Herz*; or *Der zerbrochene Krug*; then *Höher als die Kirche*, or *Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

b

#### The Intermediate Requirement

The Aim of the Instruction At the end of the intermediate course the pupil should be able to read at sight German prose of ordinary difficulty, whether recent or classical; to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language, including syntax and word-formation, and to translate and explain (so far as explanation may be necessary) a passage of classical literature taken from some text previously studied.

**The Work to be Done** The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word-formation.

The intermediate course is supposed to be the elementary course, plus one year's work at the rate of not less than four recitations a week. Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach's *Die Freiherren von Gemperlein*; Freytag's *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*—for example, *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué's *Undine*; Gerstäcker's *Irrfahrten*; Goethe's *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffmann's *Historische Erzählungen*; Lessing's *Minna von Barnhelm*; Meyer's *Gustav Adolfs Page*; Moser's *Der Bibliothekar*; Riehl's novellen—for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der Stumme Ratsherr*, *Das Spielmannskind*; Rosegger's *Waldheimat*; Schiller's *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, ballads; Scheffel's *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch's *Das edle Blut*.

## GREEK

- a i Greek Grammar
- ii Greek Composition Translation into Greek of sentences based upon Xenophon's *Anabasis*, Books I and II
- b Xenophon *Anabasis*, Books I-IV
- c Homer *Iliad*, Books I-III (omitting II, 494-end), and the Homeric constructions, forms, and prosody
- g Translation at sight of prose of no greater difficulty than Xenophon's *Anabasis*

## LATIN

- a i Latin Grammar

## WILLIAMS COLLEGE

ii Latin Composition Translation into Latin of English passages based upon Caesar and Cicero

- b Caesar *Galic War*, Books I-IV
- c Cicero Six orations
- d Vergil *Aeneid*, Books I-VI, and so much prosody as relates to accent, versification in general, and dactylic hexameter
- m Translation at sight of prose of no greater difficulty than the easier portions of Cicero's orations
- q Translation at sight of poetry of no greater difficulty than Vergil's *Aeneid*

## HISTORY

- a Ancient History, comprising Greek history to the death of Alexander, and Roman to the death of Constantine Smith's *Smaller History of Greece*, Oman's or Meyers' *History of Greece*, and Botsford's *History of Rome* are recommended. The related geography is also included.

Ancient History, as defined by the College Entrance Examination Board, extending to 814 A. D., will be accepted as an equivalent.

- b Mediaeval and Modern History, from the death of Charlemagne to the present time As text-books West's *Modern History* and Harding's *Essentials of Mediaeval and Modern History* are recommended. Collateral reading and historical geography should form a part of the work in this subject.

The requirement for *History b*, as outlined by the College Entrance Examination Board, will be accepted.

- c English History, as defined by the College Entrance Examination Board Walker's *Essentials in English History*, Cheyney's *Short History of England*, and Andrews's *History of England*, are recommended.
- d American History Hart's *Essentials in American History*, Adams and Trent's *History of the United States*, Channing's *Students' History of the United States*, and McLaughlin's *History of the American Nation* are recommended.

## MATHEMATICS

- a Elementary Algebra Algebra through quadratics, problems depending on quadratic equations, ratio and proportion, arithmetic and geometric progressions, and the binomial theorem for positive integral exponents



- b*      **Advanced Algebra** Higher Algebra through determinants and theory of equations, including logarithms, the binomial theorem for negative and fractional exponents, undetermined coefficients, partial fractions, reversion of series, and permutations and combinations
  - c*      **Plane Geometry** The usual theorems and constructions of the text-books, including the solution of numerous original exercises and applications to the mensuration of lines and plane surfaces
  - d*      **Solid Geometry** The usual theorems and constructions of the text-books, including the solution of numerous original exercises and applications to the mensuration of surfaces and solids
  - f*      **Plane Trigonometry** The six trigonometric functions, proofs of formulas, solutions of trigonometric equations, trigonometric analysis, theory and use of logarithms, and the solution of right and oblique triangles
- b*, *d*, and *f* above comprise the work of the college course, *Mathematics 1*.

It is expected that, in a preparatory school which devotes five hours per week to Mathematics, the above requirements can be met as follows:—*a*, in one and one-half years; *b*, in one half-year; *c*, in one year; *d*, in one half-year; *f*, in one year.

#### ARRANGEMENT OF EXAMINATIONS FOR ADMISSION

Examinations for admission are held twice each year, in June and in September.

In June the entrance examinations of the College are those of the College Entrance Examination Board, of which Williams College is a member. An application for the privilege of taking these examinations must be made to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., from whom all necessary information regarding the June examinations can be obtained. These examinations are held annually in June at a large number of widely distributed points, including Williamstown.

In June, 1909, the entrance examinations of the College Entrance Examination Board will be held June 14-19.

All applications for examination must be addressed to the College

Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., and must be made on a blank form to be obtained from the Secretary of the Board on application.

Applications for examination at points in the United States east of the Mississippi River must be received by the Board at least two weeks in advance of the examinations, that is, on or before Monday, May 31, 1909. Applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 24, 1909. Applications for examination outside of the United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 10, 1909.

Applications received later than the dates named will be accepted when it is possible to arrange for the examination of the candidates concerned, but only upon the payment of \$5.00 in addition to the usual examination fee.

The examination fee is \$5.00 for all candidates examined at points in the United States and Canada and \$15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be addressed to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers submitted will be accepted by the college on the same terms as the results of the examinations conducted by the college in September. Candidates for admission to Williams College should forward the results of their examinations, as soon as they are received from the Board, to the Chairman of the Committee on Admissions, Williamstown, Mass.

The custom of sending examination papers from the college in June to preparatory schools for the use of candidates preferring to take the Williams College examinations there has been discontinued.

In September the entrance examinations are given only by the college. They will be held for the next college

year in rooms 6 and 10, Hopkins Hall, on the Friday, Saturday, Monday, Tuesday, and Wednesday before the beginning of the first semester, September 10-15, as follows:

FRIDAY

8 A.M.—French *a*  
2 P.M.—German *a*

SATURDAY

8 A.M.—\*French *b*  
2 P.M.—\*German *b*

MONDAY

8 A.M.—English  
10 A.M.—History *a*  
2 P.M.—Greek

TUESDAY

8 A.M.—Latin  
2 P.M.—Mathematics

WEDNESDAY

8 A.M.—Botany, Chemistry, History *b*, History *c*,  
History *d*  
2 P.M.—Biology, Physics

The passing mark is fifty in all final entrance examinations, and sixty or seventy-five, as explained below, in preliminary examinations.

Certificates showing that candidates have passed the entrance examinations of another college or university in subjects required for admission to Williams College will ordinarily be accepted as valid, for the subjects which they cover, on the same terms and conditions as the results of the regular Williams College admission examinations.

PRELIMINARY EXAMINATIONS

Preliminary examinations in any of the requirements for admission may be taken a year in advance; but the

\*Candidates for admission will be required to gain credit in French *a* or German *a* before trying French *b* or German *b* respectively in September.

candidates for such examinations must bring from the principals of their schools certificates specifying that their teachers consider them prepared in the subjects selected.

The examination will cover the whole of each subject offered by the candidate; for example, Greek *b*, Latin *c*, or Mathematics *a* cannot be divided between the preliminary and the final examinations.

In order to prevent an interruption to studies which are to be continued in college, candidates are expected to reserve the following subjects for the final examinations: English *b*, Greek *c*, Latin *c* or *d*, and Mathematics *a* or *c* (or Mathematics *b*, *d* and *f*, if the admission group is IV or V). The mark required for gaining preliminary credit in these subjects is seventy-five; the passing mark for preliminary credit in all other admission subjects is sixty.

Credit for the preliminary examination may be refused unless the applicant pass in a substantial part of the subjects offered. The preliminary certificate will be valid for a year only, unless the examination has been passed in a specially creditable manner.

The times and places of the preliminary examinations, as well as the questions submitted, are the same as for the regular final examinations.

#### ADMISSION BY CERTIFICATE

Under certain conditions specified below, certificates of preparatory schools are accepted in place of examinations in Botany, English, Greek, History, Latin, and Mathematics *a* and *c*. Certificates will in no case be accepted for French *a* or *b*, German *a* or *b*, Mathematics *b*, *d*, or *f*, or for the anticipation of any course of study offered in college.

After September, 1909, no certificate in Mathematics *a* will be accepted unless accompanied by a statement that at least fifty regular recitation exercises have been devoted to a review of Mathematics *a* or to Mathematics *b* during the last preparatory school year.

The privilege of sending students by certificate may be granted by the college to any school outside New England which requests it, provided that the school has at least one candidate already preparing for admission to Williams College and that the Faculty of the college has such information concerning the work of the school as will warrant granting the request. In general, a school which has recently sent properly trained students by examination is considered entitled, on application, to receive the certificate privilege and to retain it as long as there is no radical change in the management of the school; but any school will be dropped from the approved list whenever for a period of five years it has sent no students to the college.

Application for the certificate privilege for schools outside New England should be made by the principal on a blank provided for the purpose by the Chairman of the Committee on Admissions. For the usage in the case of New England schools, see page 44.

The certificate privilege is not granted to private tutors; and it is revocable in all cases when, in the opinion of the Faculty of the college, it is not properly exercised.

Certificates must be made out on blank forms furnished by the Chairman of the Committee on Admissions, and in accordance with the instructions contained therein. These certificates must contain an explicit statement of the work done by the candidates and the time devoted to it. If the work covered by the certificate is less than two-thirds of the total requirement for admission in the group in which the candidate proposes to enter, the certificate will not be accepted. If the time devoted to a given subject seems inadequate, the certificate may be rejected for the subject in which such deficiency appears, though it may remain valid for other subjects. In such cases an examination upon the subjects involved will be required. For slight deficiencies conditions may be imposed.

A course of study which provides four full school years

for Latin and three for Greek is regarded as adequate to give the proper preparation in those subjects.

A student who has failed to pass the admission examinations in September at this or any other college will not be admitted by certificate unless he has had, since such failure, at least a year of study in the school whose principal issues the certificate.

Freshmen who have entered by certificate and have subsequently been dismissed for failure in their studies may re-enter with the next class only on passing the entrance examinations. Certificates will not be accepted in such cases. Students thus dismissed may be excused from examination in certain subjects for re-admission, if, in the judgment of the Committee on Admissions, their records warrant such exemption.

When a year or more has passed between the completion of the work for which the certificate vouches and the time for the student to enter college, satisfactory evidence that he has kept up his studies in the interval is required.

Certificates must be signed by the principal of the school or some one duly qualified to act in his stead and sent to the Chairman of the Committee on Admissions before Commencement, so far as is practicable, but not in advance of the actual completion of the work for which they vouch. All certificates should be submitted at least as early as the first of September.

Blank certificates will be sent to the principal of any approved school on request, but are not sent to other persons.

The certificates of the schools approved by the New England College Entrance Certificate Board are accepted, in accordance with the statements made above and subject to the rules of the Board, for admission to Williams College. Henceforth certificates will be accepted from no schools in New England which lack the approval of that board. Principals of schools in New England who desire the certificate

privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown St., Providence, R. I. Applications for approval must be received by the Secretary before April 1st in order to be approved for the next college year.

The credits gained at the examinations of the Board of Regents of the State of New York are accepted on the same terms as the certificates of approved schools.

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*All correspondence in matters of admission should be addressed to the Chairman of the Committee on Admissions.*

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#### ANTICIPATION OF COLLEGE COURSES

##### *I Subjects in the admission groups*

Any college course included in the admission groups of pages 29-30 of the catalogue, and the courses announced as *Biology 1*, *Chemistry 1*, and *Physics 1*, will be counted towards a degree, if offered in addition to the subjects required in the chosen group. The examinations in such additional subjects are the regular examinations for admission and are to be taken at the appointed times in June and September. A mark of fifty is sufficient for final credit. In Chemistry and Physics such a laboratory notebook as is required by the College Entrance Examination Board is demanded by the college as evidence of the candidate's qualification for the admission examinations in those subjects. Students will not be required after entrance to substitute other courses in place of those anticipated, provided only that the number of hours of classroom work per week is never less than twelve. The Zoology, Chemistry, and Physics examinations of the College Entrance Examination Board are counted equivalent to the entrance examinations in Biology, Chemistry, and Physics offered at the college in September.

The college courses which may be anticipated thus are the following:—*Biology 1, Chemistry 1, French 1, French 2, German 1, German 2, Mathematics 1, and Physics 1.*

## II *Subjects not in the admission groups*

Any student may be allowed by special vote of the Faculty, to anticipate by examination a course of study not included among those mentioned in the above paragraph if he gives evidence of having had satisfactory instruction in the subject in some school or college. In such anticipatory examinations a mark of seventy-five is required.

### GRADUATION IN THREE YEARS

A student who is able to anticipate at admission, in accordance with the above rules, two college courses may, by taking nineteen hours for two years, and eighteen hours for the third year, complete the requirement for graduation in three years; but the Faculty may decline to permit a student to undertake this unless his general scholarship is of high character.

### ADMISSION TO ADVANCED STANDING

Candidates for admission to advanced standing will be examined in the courses that have been pursued by the classes which they wish to enter, or in other equivalent courses.

Students who come from other colleges and who bring certificates of honorable dismissal may, upon proof of their qualifications, be admitted to a corresponding standing in this college.

### REGULATIONS CONCERNING PARTIAL-COURSE STUDENTS

A candidate for the partial course must have studied Greek or Latin as the requirements of Group VI demand (see p. 30), with such proficiency as to enable him to take the Freshman course in that language, and he will be required to include this course among his first-year studies.



Partial-course Freshmen must take Freshman courses only, so far as possible; but if they can anticipate by examination one or more of the Freshman courses, they may take a corresponding number of hours with a higher class. They are expected to continue each course through the college year or until its termination, and, in general, to fulfil as far as possible the requirements made of students in the full course. In all matters of matriculation, promotion, and classification, they are subject to the rules governing full-course students.

A partial-course student may be excluded from any course when his instructor regards his work there unsatisfactory; and he may be dismissed from college at any time if the Faculty is convinced that he is not qualified to do his current work or is not making good use of his opportunities.

It is expected that a partial-course student will make up, as soon as practicable, the necessary work to gain his transfer to a full-course group.

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*All correspondence in matters of admission to college should be addressed to the Chairman of the Committee on Admissions.*

# CURRICULUM

## THE GROUP SYSTEM

The fundamental principle of the curriculum is that of the Group System, which comes into operation at the close of the Freshman year. This Group System presents the following features:—

There are three groups, I Languages, II Philosophy (including Art, Economics, Government, and History), and III Sciences (including Mathematics).

After Freshman year and under the operation of the Group System, all courses are elective.

Although no specific courses are required after Freshman year, every student must have completed after that time and before graduation at least 12 semester-hours\* in each one of the three groups.

Every student must have completed, after Freshman year and before graduation, a major study. By a major study is meant a special, cumulative study of fundamental and advanced courses, amounting to at least 15 semester-hours in some one of the following subjects:—

1 Greek; 2 Latin; 3 English; 4 French; 5 German; 6 Philosophy; 7 History; 8 History and Art; 9 Economics; 10 Economics and Government; 11 Mathematics; 12 Mathematics and Astronomy; 13 Chemistry; 14 Chemistry and Geology; 15 Physics; 16 Biology.

Students in the course with Greek (Admission Group I) must have completed after Freshman year and before graduation at least 6 semester-hours of Greek or Latin.

Elementary French or Elementary German must either be presented at entrance in addition to the entrance sub-

\*[NOTE—A semester-hour, or half-year-hour, is one hour a week continued for a semester. A year-hour is one hour a week continued for a year. Twelve semester-hours are therefore equivalent to four three-hour-a-week courses carried through a semester, or to two three-hour-a-week courses carried through a year.]

jects required, or else be taken as an extra course after entrance. The number of year-hours required for a degree will be 59 for those fulfilling this requirement at entrance and 62 for those who take the course in college. A second year is required of the language presented at entrance or begun in the Freshman year. (*Cf.* page 50.)

At least 32 semester-hours of Sophomore work (the equivalent of four four-hour year courses) must be taken before graduation. (*Cf.* page 51.)

The number of semester-hours required for graduation is 118 (59 year-hours); or 124 (62 year-hours) for those who do not present one year of a modern language at entrance in addition to the subjects *required* by their admission group (see pp. 29, 30); but every student, in order to be graduated, must have attained a grade above that of D in at least one-half the numbers of hours required for graduation; and all courses regularly taken in the Senior year must be passed, even though they may not be necessary for completing the number of hours indicated above.

## EXHIBIT OF STUDIES

The following exhibit of studies indicates the courses of instruction that are offered to each class. The studies of the Freshman year are prescribed, except that there is an option between French and German for students in Group I. Students in Groups II and IV must have completed before graduation the work covered by Courses 1, 2, and 3 or 4 in French, and Courses 1 and 2 in German; those in Groups III and V must have completed before graduation the work covered by Courses 1 and 2 in French, and Courses 1, 2, and 3 or 4 in German; those in Group I must have completed the second year's work in one of these languages. The groups are arranged according to the different terms of admission stated on pp. 29, 30. The unenclosed figures refer to the courses of instruction as announced by the departments in the following pages, and the figures in parenthesis indicate the number of exercises per week in each course.

### FRESHMAN YEAR—REQUIRED COURSES

ADMISSION GROUP	ADMISSION GROUP	ADMISSION GROUP	ADMISSION GROUP
I	II	III	IV
English 1 (2)	English 1 (2)	English 1 (2)	English 1 (2)
French 2 (2)	French 3 or 4 (4)	French 2 (3)	French 2 (4)
or German 2 (3)	German 2 (3)	German 3 or 4 (4)	German 2 (3)
Greek 1 (4)	Latin 1 (3)	Latin 1 (3)	Latin 1 (3)
Latin 1 (3)	Mathematics 1 (4)	Mathematics 1 (4)	Mathematics 2 (4)
Mathematics 1 (4)	16	16	16
Elocution	Elocution	Elocution	Elocution
Hygiene and Phys-ical Training	Hygiene and Phys-ical Training	Hygiene and Phys-ical Training	Hygiene and Phys-ical Training

NOTE—Freshmen in Group I who offer neither French 1 nor German 1 at entrance will take one of those courses instead of French 2 or German 2. Similarly, those in Groups II and IV who do not offer German 1 at entrance will take that course instead of German 2; and those in Groups III and V who do not offer French 1 at entrance will take that course instead of French 2.

For the requirements in Admission Group VI during the Freshman year, see p. 46.

## SOPHOMORE YEAR

At least 32 semester-hours must be taken before graduation from the so-called Sophomore courses. In this list no modern language course is to be counted for Sophomore hours by students of Group I unless it is taken in addition to the requirements of that Group as stated in the first paragraph of page 53. Similarly, for students in the other Groups, with the exception that *French* 3 or 4 is to be counted as a Sophomore course in Group IV and *German* 3 or 4 likewise in Group V. The entire list is as follows:

## YEAR COURSES

French 1	(3)
†French 3 or 4	(3 or 4)
German 1	(3)
†German 3 or 4	(4)
Greek 2	(3 or 4)
Latin 2	(4)
Mathematics 2	(4)
(Mathematics 3 for Groups IV and V)	(3)
††Spanish	(4)

## SEMESTER COURSES

FIRST SEMESTER		SECOND SEMESTER	
Chemistry 1	(4)	Biology 1	(4)
English 2	(4)	Chemistry 2	(5)
History 1	(4)	English 3	(4)
Physics 1	(4)	History 2	(4)
		Physics 2	(5)

†French 3 and German 3 are given in alternate years with French 4 and German 4 respectively.

††To be given in alternate years; not offered in 1908-1909

## JUNIOR AND SENIOR YEARS

All courses in these years are elective, subject to the regulations governing the Group System as given above.

## CONSPECTUS OF COURSES FOR THE COLLEGE YEAR

1908—1909

## ARRANGED ACCORDING TO THE THREE GENERAL GROUPS

Courses marked with one asterisk are offered for the first semester only; those marked with two asterisks are offered for the second semester only. Three exercises a week are held in all courses except where otherwise indicated in parenthesis after the name of the course; a numeral in parenthesis indicates the number of exercises per week.

I	II	III
LANGUAGES	PHILOSOPHY	SCIENCES
*Comparative Literature 1	*Art 1	Astronomy 1
**Comparative Literature 2	**Art 2	**Astronomy 2
Dante (4)	*Art 3	**Biology 1 (4)
English 1 (2)	**Art 4	Biology 2
*English 2 (4)	Economics 1	Biology 3
**English 3 (4)	*Economics 2	**Biology 4
*English 5 (4)	**Economics 3	Botany
English 6	*Economics 4	*Chemistry 1 (4)
English 8	**Economics 5	**Chemistry 2 (5)
**English 9	*Government 1	*Chemistry 3
**English 10	**Government 2	**Chemistry 4
*English 11	**Government 3	*Chemistry 5
*English 12	*Government 4	**Chemistry 6
**English 13	**Government 5	Geology 1
*English 14	*History 1 (4)	**Geology 2
**English 15	**History 2 (4)	**Geology 3
French 1	History 3	**Geology 4
French 2 (3 or 4)	History 4	Mathematics 1 (4)
French 3 (4)	History 5	Mathematics 2 (4)
French 3A	**History 6	Mathematics 3
French 3B	*History 7	*Mathematics 4
French 5	**History 8	**Mathematics 5
German 1	*Philosophy 1	*Mathematics 6
German 2 (3 or 4)	**Philosophy 2	**Mathematics 7
German 4A (4)	*Philosophy 3	*Meteorology
German 4B (4)	*Philosophy 4	**Physics 1 (4)
German 6	*Philosophy 5	**Physics 2 (5)
Greek 1 (4)	**Philosophy 6	Physics 3
Greek 2 (3 or 4)	**Philosophy 7	*Physics 4
Greek 3 (3 or 4)	**Philosophy 8	**Physics 5
*Greek 6	*Philosophy 9	*Physiology 1
Latin 1	*Philosophy 10 (4	**Physiology 2
Latin 2 (4)	until Christmas;	
*Latin 3	counting as 3)	
**Latin 4		
*Latin 5 (3 or 4)		
**Latin 6 (3 or 4)		
*Latin 7		
*Oratory 1		
**Oratory 2		

Also Elocution, Hygiene, and Physical Training.

All college exercises are held according to the following schedule:

## GROUPS OF HOURS

### ARRANGED ACCORDING TO TIME:

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
8:00	g	D,d	D,d	A,a	A,g	A,a
9:00	h	E,e	E,e	B,b	B,h	B,b
10:00	i	F,f	F,f	C,c	C,i	C,c
11:00	k	l	i	j	k	l
1:00	A,a	A,g	j	D	D,d	
2:00	B,b	B,h	k	E	E,e	
3:00	C,c	C,i	l	F	F,f	

### ARRANGED ACCORDING TO LETTERS:

Group A	M. Tu. 1:00-2:00, Th. F. S. 8:00-9:00	Group d	Tu. W. 8:00-9:00, F. 1:00-2:00
Group B	M. Tu. 2:00-3:00, Th. F. S. 9:00-10:00	Group e	Tu. W. 9:00-10:00, F. 2:00-3:00
Group C	M. Tu. 3:00-4:00, Th. F. S. 10:00-11:00	Group f	Tu. W. 10:00-11:00, F. 3:00-4:00
Group D	Tu. W. 8:00-9:00, Th. F. 1:00-2:00	Group g	M. F. 8:00-9:00, Tu. 1:00-2:00
Group E	Tu. W. 9:00-10:00, Th. F. 2:00-3:00	Group h	M. F. 9:00-10:00, Tu. 2:00-3:00
Group F	Tu. W. 10:00-11:00, Th. F. 3:00-4:00	Group i	Tu. 3:00-4:00, W. 11:00-12:00, F. 10:00-11:00
Group a	M. 1:00-2:00, Th. S. 8:00-9:00	Group j	M. 10:00-11:00, W. 1:00-2:00, Th. 11:00-12:00
Group b	M. 2:00-3:00, Th. S. 9:00-10:00	Group k	M. F. 11:00-12:00, W. 2:00-3:00
Group c	M. 3:00-4:00, Th. S. 10:00-11:00	Group l	Tu. S. 11:00-12:00, W. 3:00-4:00

The groups of no two small letters conflict, and the groups of no two large letters conflict.

Group a conflicts with group A, group b conflicts with group B, etc.

Group g conflicts with group A, group h with B, and group i with C.

NOTE:—Between the Thanksgiving recess and the Easter recess, the hours will be regularly one-half hour later than the schedule indicates.

# COURSES OF INSTRUCTION

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## DEPARTMENTS OF LANGUAGE AND LITERATURE

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### DEPARTMENT OF GREEK

Professor HEWITT, Professor HOWES, Assistant Professor CLARK,  
Mr. GALBRAITH, and Mr. HACK

*Greek 1a Herodotus* as found in Fernald's *Selections* will be read. Much time will be given to a systematic review of Greek forms and syntax, with constant reference to Goodwin's *Greek Grammar*.

Until Christmas

Professor HOWES, Assistant Professor CLARK,  
and Mr. GALBRAITH

*Greek 1b Homer* Books V, VI, VII, and VIII of the *Odyssey* Some of the principal Homeric questions will be discussed in lectures. The instructor will give to the class several readings from portions of the poem not prescribed for the daily work.

There will also be lectures, illustrated with photographs, lantern views, and other material, upon the remains of Greek architecture and upon certain other Greek antiquities.

From Christmas to Easter

Professor HEWITT, Professor HOWES, Assistant Professor CLARK,  
Mr. GALBRAITH, and Mr. HACK

*Greek 1c Lysias* Special attention will be given to the political and social allusions which abound in the orations of Lysias. Different orations from those read the previous year will be selected. A course of lectures will be given and reading assigned on Greek history, economic and political.

After Easter

Professor HEWITT, Assistant Professor CLARK,  
MR. GALBRAITH, and MR. HACK

Required course for Freshmen in Group 1  
Four hours a week through the year

*Greek 2* The course in Sophomore Greek, 2a and 2b, may be reckoned as a three-hour or a four-hour course, according as a student wishes or not to devote a fourth hour to New Testament Greek.



*Greek 2a Homer, Xenophon, Plato* Selections from Homer's *Odyssey* and the *Memorabilia* of Xenophon will be read by the class. The instructor will read to the class the *Apology* of Plato and portions of the *Crito* and *Phædo*. A course of lectures will be given on the earlier Greek philosophy and on the philosophy of Plato.

Those taking the four-hour course will devote one hour a week to the *Acts of the Apostles*.

Until Christmas

Professor HEWITT and Professor HOWES

*Greek 2b Greek Drama* From Christmas until Easter the time will be devoted to *Æschylus*, *Sophocles*, and *Euripides*. The *Antigone* and *Iphigenia among the Taurians* will be read by the class chiefly from the literary point of view, and special attention will be given to points of similarity and dissimilarity between the ancient and modern drama. The instructor will also read to the class the whole or portions of other plays, among which will be the *Agamemnon*, *Medea*, and *Alceste*. A course of lectures will be given on the Greek theatre and on the origin and history of the Greek drama.

After Easter two hours a week will be devoted to Greek comedy and to the reading of the *Birds* of *Aristophanes*. The instructor will read to the class portions of the *Clouds* and *Frogs*. In place of the third exercise each member of the class may be required to do individual work in Greek syntax or editorial work upon a portion of one of the Greek plays.

Those taking the four-hour course will devote one hour a week to the *Acts of the Apostles*.

After Christmas

Professor HEWITT and Professor HOWES

Sophomore elective course

Three (or four) hours a week through the year

*Greek 3* This course may be reckoned as a three-hour or a four-hour course, according as a student wishes or not to devote a fourth hour to a course in Greek History and Political Theory by Assistant Professor Clark. The topic to be studied the present year will be Greek Democracies and Federations.

While *Greek 3* is designed for Seniors and Juniors who have taken *Greek 1* and *2*, it may, with the consent of the instructor, be open to those who have obtained the grade of A or B in *Greek 1*. While this course is largely a study in literature, history, and archaeology, and so designed to impart a general culture, the course is also intended to be helpful to those intending to teach, or to pursue graduate courses in the ancient languages.

For a part of the year, in place of one of the exercises, the class will do seminar work under the direction of the instructor.

*Greek 3a Lyric Poetry, Xenophon* Three hours a week will be given to the study of Greek lyric poetry and translation at sight of portions of *Xenophon*.

Three (or four) hours a week until Christmas

Professor HEWITT and Assistant Professor CLARK

*Greek 3b Homer* In this term three hours a week will be given to the *Iliad* and to the study of Greek life in Homeric times and one hour a week to Greek history. While some of the books of the *Iliad* will be read more rapidly with special reference to the literary qualities, critical interpretation will be given to portions of Homer, and the course will be planned to be helpful to students who may expect to teach Greek.

From Christmas to Easter

Professor HEWITT and Assistant Professor CLARK

*Greek 3c* Three hours a week will be given to a rapid reading of parts of *Herodotus* and of *Xenophon*, both in prepared and in sight work.

After Easter

Professor HOWES and Assistant Professor CLARK

Senior and Junior elective course

Three (or four) hours a week through the year

[*Greek 5 Greek Literature* Text-book and lectures with assigned readings No knowledge of Greek is required.

Senior and Junior elective course alternating with *Greek 6*

Three hours a week during the first semester

Omitted in 1908-1909

Professor HEWITT]

*Greek 6 Life of the Ancient Greeks* Described and illustrated by the aid of literature and of the monuments Some account will be given of the art and archaeology of the Greeks. A short course of lectures on Greek poetry will also be given. Text-books and informal lectures supplemented by occasional reports from members of the class No knowledge of Greek is required.

Senior and Junior elective course alternating with *Greek 5*

Three hours a week during the first semester

Professor HEWITT

## DEPARTMENT OF LATIN

Professor WILD, Professor HOWES, Assistant Professor CLARK, Assistant Professor WETMORE, Mr. GALBRAITH, and  
Mr. HACK

*Latin 1 Livy* Book XXI and portions of Book XXII of Livy will be read. The principles of Latin syntax will be studied with the aim of connecting the first weeks of college instruction as closely as possible with that received in the preparatory schools. Constant reference will be made to Lane's *Latin Grammar* in connection with the daily work. There will be frequent practice in reading at sight. The history of Rome during the Punic Wars, including assignments for collateral reading, will be an important part of this course.

*Selections from Latin Poets Cicero* The work for the second semester will include selections from the Latin Poets, in the edition published by Harvard University, and the *De Senectute* of Cicero, with sight reading from the *De Amicitia*.

Mackail's *Latin Literature* will be used throughout the year.

Freshman required course

Three hours a week through the year

Professor WILD, Professor HOWES,  
Assistant Professor CLARK, Assistant Professor WETMORE,  
Mr. GALBRAITH, and Mr. HACK

*Latin 2 Latin Drama Roman Life* The *Captivi* of Plautus, the *Adelphoe* of Terence, and the *Medea* of Seneca will be read carefully, with rapid and sight reading of other plays of Plautus. The aim will be to give a survey of the origin and development of Roman dramatic art. A portion of the time will be devoted to a study of Roman life through lectures illustrated by lantern views.

The first semester

Professor WILD

*Tacitus Horace* The reading work for the second semester will be divided between the works of Tacitus and the *Odes* of Horace. In connection with the *Odes* of Horace some attention will be paid to the English lyric, involving the preparation of carefully made translations from the Latin and a comparison of the better known English versions. The course in Tacitus will include the entire *Agricola* and selected portions of the *Germania*. Passages from the *Annals* will be read at sight and there will be collateral reading in the history of the Empire.

The second semester

Professor HOWES and Assistant Professor WETMORE

Sophomore elective course, open to all who have completed *Latin 1*  
Four hours a week through the year

*Latin 3 Vergil* The works of Vergil will be studied mainly from a literary point of view. The first six books of the *Aeneid* will be rapidly reviewed, but the greater part of the course will be devoted to reading the best portions of the last six books of the *Aeneid*, of the *Eclogues*, and of the *Georgics*. There will be lectures on the life and times of Vergil, his motives, sources, art, and influence on later literatures, as well as on the *Appendix Vergiliana*, and the mediæval conception of Vergil.

The students will be encouraged to undertake some original investigation and criticism.

There will be considerable reading at sight, chiefly in prose authors.

Senior and Junior elective course, open to all who have completed *Latin 2*, and to others with the consent of the instructor

Three hours a week during the first semester

Assistant Professor WETMORE

*Latin 4 Catullus and Lucretius* The poetry of Catullus and the more poetic parts of Lucretius, with much sight reading in prose authors, contemporary or connected

This course will include due critical consideration of the philosophy of Lucretius, but its primary aim will be to increase the student's power of reading and of literary appreciation.

Appropriate topics, including the development of philosophy before Lucretius, will be treated in lectures, but the central object of study will be the art and genius of the two poets to be read.

Senior and Junior elective course, open to all who have completed *Latin 2*, and to others with the consent of the instructor

Three hours a week during the second semester

Assistant Professor CLARK

*Latin 5 A Brief Survey of Latin Literature* The rise and development of the various forms of literature will be traced in lectures with a brief account of the lives and literary characteristics of the important authors, both of prose and poetry. Selections will be read by the class from all of the most noted authors.

Senior elective course, open to all who have completed *Latin 3* or *Latin 4*, and, with the consent of the instructor, to those who have completed *Latin 2*

Three hours a week during the first semester

Professor HOWES

*Latin 6 Roman Satire* The origin and development of Roman Satire will be treated in lectures. The reading base will be

Juvenal and Horace, with rapid and sight reading from Ennius, Lucilius, Varro, Petronius, and Apuleius, in Merrill's *Fragments of Roman Satire*. Certain portions of Juvenal will be assigned for individual comment and interpretation based on the leading editions and translations. The student will present his commentary to the class for general discussion under the direction of the instructor.

Senior elective course, open to all who have completed *Latin 3* or *Latin 4*, and, with the consent of the instructor, to those who have completed *Latin 2*.

Three hours a week during the second semester

Professor WILD

*Latin 7 Roman History* In 1908-1909 this course will be devoted to the periods of the Revolution and the Empire, and will trace the social, institutional, and military history of the Roman world from the age of Marius to that of Theodosius. Reading, lectures, quizzes, and written work.

The required reading in this course will be in English only.

Special instruction will be offered, if desired, to prospective teachers, or to any students wishing to attempt some original investigation. But the course will aim primarily to meet the needs of the general student of the classics or of European history, and to trace, while not neglecting great personalities, the course of the mature and later Roman civilization, with emphasis upon the permanent influences of Rome upon later times.

Senior and Junior elective course

Three hours a week during the second semester

Assistant Professor CLARK

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*Latin Composition* In connection with *Latin 5* and *Latin 6* a course in Latin composition will be given to those who desire it, with special reference to the needs of prospective teachers.

Professor WILD

[Note: The Department of Latin prefers that those whom it recommends as teachers be well equipped in Greek.]

## DEPARTMENT OF ENGLISH

Professor SPRING, Professor MAXCY, Assistant Professor PERRY,  
Assistant Professor REES, and Mr. ALLEN

*English 1 Rhetoric and Composition* The course for Freshmen aims to present matter that is essential to all writing, and is preparatory to the later electives in composition. To this end the first sem-

ester is devoted principally to correctness of detail in written discourse, and to the matter of good use. Every recitation includes written work, and every theme is subjected to rigorous criticism; furthermore, students are encouraged to seek personal conferences with their instructors for the discussion of matters expounded in the classroom.

During the second semester all text-book study and written work is devoted to Exposition as the most essential form of prose discourse.

Throughout the year theory and practice are supplemented by prescribed readings of literary masterpieces illustrative of the various subjects under discussion.

Freshman required course

Two hours a week through the year

Professor MAXCY, Assistant Professor PERRY, and Mr. ALLEN

*English 2 Narration* This course continues the methods of English 1 as applied to the study of Narration. Rhetorical principles are presented in lectures which are supplemented by frequent practical exercises in the writing of short stories, biographies, and other narrative forms. The course includes also extensive reading and study of narrative literature.

While not required, this course should be taken by students who intend to elect *English 7*.

Sophomore elective course, open to students who have completed *English 1*

Four hours a week during the first semester

Professor MAXCY, Assistant Professor PERRY, and

Assistant Professor REES

*English 3 English Literature* This course is two-fold, embracing not only an historical survey of English literature from the earliest times to the present day, but also a wide course of outside readings so arranged as to accompany the text-book and lectures. Examinations are held on each assignment. In addition to the assigned readings, the course embraces the presentation to the class of a wide selection of classic prose and poetic masterpieces. The work is arranged with the view to laying a broad foundation for the English electives taken up later in the course.

The text-book work conforms in general to the matter contained in Moody and Lovett's *History of English Literature*.

Sophomore elective course

Four hours a week during the second semester

Assistant Professor REES

*English 5 Argumentation* This course is devoted entirely to the principles of Argumentation and to the development of a clear, con-

vincing style. The course includes detailed study of brief-drawing, the rules of evidence, and the construction of the forensic. Although it is adapted to all students of composition, the course should appeal particularly to those who intend to enter the law or the ministry.

Senior and Junior elective course

Three hours a week during the first semester

Professor MAXCY

*English 6 Anglo-Saxon and Chaucer* A study of Anglo-Saxon grammar, reading of selections from Bright's *Anglo-Saxon Reader*, and lectures on Middle English literature to the time of Chaucer occupy the first semester. The second semester is given to a study of Middle English grammar, reading of Chaucer's *Canterbury Tales*, *Troilus and Criseyde*, and a number of the minor poems. The work of either semester may be taken separately.

Senior and Junior elective course

Three hours a week through the year

Assistant Professor REES

*English 7 English Novel* This course includes an intensive study of English prose fiction and its development from the eighteenth century to the present day. The text-book, Cross's *Development of the English Novel*, is supplemented by a course of prescribed readings in the works of the great novelists from Richardson to Meredith.

Senior and Junior elective course, alternating with *English 15*, open to students who have completed *English 3* or who are taking that course

Four hours a week during the second semester

Professor MAXCY

*English 8 The Elizabethan Drama* This course is devoted to the rise of the English drama and the critical reading and discussion of plays of Marlowe, Ben Johnson, Beaumont and Fletcher, Webster, and of a large group of Shakespere's most important works. Boas's *Shakespere and his Predecessors* will be used as a general text-book.

Senior elective course

Three hours a week through the year

Professor SPRING

*English 9 English Literature of the Eighteenth Century* Lectures on the progress and interpretation of English literature during the period. Readings and critical essays required

Senior elective course

Three hours a week during the second semester

Professor SPRING

*English 10 English Poets of the Nineteenth Century* Lectures, biographical and critical, together with assigned readings. This course will include Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, and other poets of the period.

Senior and Junior elective course

Three hours a week during the second semester

Assistant Professor PERRY

*English 11 English Prose Writers of the Nineteenth Century* A course in which the principal prose writers of this period will be studied. A considerable amount of reading will be assigned.

Senior elective course

Three hours a week during the first semester

Assistant Professor REES

*English 12 American Literature* A study of American literature, both prose and poetry. The first part of the course will consist of lectures on the early colonial writers. Wendell and Greenough's *American Literature* will be used as a text-book and a considerable amount of outside reading will be required.

Senior and Junior elective course

Three hours a week during the first semester

Assistant Professor PERRY

*English 13 The English Drama from 1642 to 1902* Preliminary lectures will be given on the structure of the drama. The course will include reading of representative plays from Congreve to Jones and Pinero.

Senior elective course, open to those who have completed *English 3*

Three hours a week during the second semester

Assistant Professor PERRY

*English 14 The English Bible* In this course the growth, the literary characteristics and the influence of the English Bible will be considered.

Senior elective course

Three hours a week during the first semester

Professor SPRING

[*English 15 Criticism* This course, the culmination of the rhetorical courses *English 1, 2, and 3*, is devoted to the study of critical literature and composition. The work is based largely upon the use of text-books, and includes extensive readings in the literature of criticism and frequent essays of a critical nature.]



Senior and Junior elective course, alternating with *English 7*, open to students who have completed *English 2* and *3*

Four hours a week during the second semester

Omitted 1908-1909

Professor MAXCY]

## DEPARTMENT OF PUBLIC SPEAKING AND ORATORY

Assistant Professor LEWIS

*Public Speaking* This course will aim (1) to elucidate some of the fundamental principles governing good public speaking, and (2) to give the student practice in the application of them. The class will be divided into small sections, each of which will meet once a week for ten weeks. Clark and Blanchard's *Practical Public Speaking* will be used. The choice of speakers for the prize contest in declamation is based on this work.

Freshman required course

*Oratory 1* A course intended to develop the expressive power of the student. It will include (1) the practice of exercises for the development of the voice and body as expressive agents, and (2) practice in different forms of public speaking. The latter will include the rendering of original selections from memory, speaking from the written outline, and impromptu speaking. A text-book will be used.

Senior and Junior elective course

Three hours a week during the first semester

*Oratory 2* This is a continuation of *Oratory 1*. It will offer advanced work in both technique and delivery. The structure and style of the oration will be considered, also its different forms. Each student will write at least three manuscripts of not less than eight hundred words each. Ringwalt's *Modern American Oratory* will be used as a guide.

Senior and Junior elective course, open to those who have completed *Oratory 1*

Three hours a week during the second semester

The department will offer during the winter, at hours to be announced, a course of training in voice and action, which will be open to members of all classes. It will also offer hours to those who have defects in speech. Extended drill will be given in all cases to speakers who compete in prize contests, and to those who are to appear on the Commencement platform.

## DEPARTMENT OF ROMANCE LANGUAGES

Professor MORTON, Assistant Professor WESTON, Mr. J. NORTON CRU,  
Mr. ALBERT CRU, Mr. BOSC, and Mr. DIGEON

## FRENCH

*French 1 Elementary French* This course includes the study of grammar and composition and the reading of modern French. The class will be arranged in small divisions so that each student may receive individual attention and adequate training in pronunciation and the use of conversational French. In this and in the more advanced courses the French language will be used in the class-room as much as possible, though the character of the work will be essentially literary. Special attention will be given to dictation in each course.

Three hours a week through the year

Assistant Professor WESTON, Mr. J. NORTON CRU, Mr. ALBERT CRU,  
Mr. BOSC, and Mr. DIGEON

*French 2 Intermediate French* This continues all the work of *French 1*. Standard authors will be read and the history of French literature given in outline. The use of the spoken language will be increased.

Three hours a week through the year for those in Groups I, III, V, and VI, and four hours a week for those in Group IV.

Professor MORTON, Mr. J. NORTON CRU, Mr. BOSC,  
and Mr. DIGEON

*French 3 Advanced French* This course is devoted to the poetry and the drama of the nineteenth century, and includes reading, composition, and oral practice. The spoken language will take the place of English except in translation and occasional lectures. The history of French literature during the nineteenth century, with its origins in the eighteenth, will be studied, especially the history of poetry and the drama. This course is offered to Freshmen as *French 3*; to others as 3 A (in French), or 3 B (in English).

This course alternates with *French 4* and is open to those who have completed *French 2* or *French 4*. Required of Freshmen entering in Group II, elective for Seniors, Juniors, and Sophomores

Three hours a week through the year Four hours a week for Freshmen in Group II

Assistant Professor WESTON, Mr. J. NORTON CRU,  
and Mr. ALBERT CRU

[*French 4 Advanced French* This course is devoted to the French novel of the nineteenth century and includes reading, composition, and oral practice. The history of French literature during the nineteenth century, with its origins in the eighteenth, will be studied, especially the history of the novel.

This course alternates with *French 3* and is open to those who have completed *French 2* or *French 3*. Required of Freshmen entering in Group II, elective for Seniors, Juniors, and Sophomores

Three hours a week through the year Four hours a week for Freshmen in Group II

Omitted 1908-1909

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*French 5 Old French Literature* from its origins to the Renaissance Translation of texts into modern French Lectures in French upon the age The course will be essentially literary and illustrative of the social conditions of the time and will be conducted entirely in French. Outside reading will be assigned.

Senior and Junior elective course, alternating with *French 6*

Open only to those who have completed *French 3* or *4* and who are able to follow a course carried on in French

Three exercises (six hours) a week through the year

Assistant Professor WESTON

[*French 6 Classic French Literature* of the age of Louis XIV The course will begin with the Renaissance and show the development of classicism. Lectures in French upon the period The course will be a study of the culture of the age of Louis XIV and the social conditions as expressed in its literature, and will be conducted entirely in French. Outside reading will be assigned.

Senior and Junior elective course, alternating with *French 5*

Open only to those who have completed *French 3* or *4* and who are able to follow a course carried on in French

Three exercises (six hours) a week through the year

Omitted 1908-1909

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## DANTE

*Dante* Reading of the *Divina Commedia* with the aid of a translation Enough grammar will be studied to enable the student to follow the Italian text and understand the construction. The course will, however, be devoted to the poem itself, both as a masterpiece of literature and as an exponent of the social, philosophical, and religious ideas of the middle ages.

Senior and Junior elective course alternating with *Spanish*  
Four hours a week through the year

Professor MORTON

### SPANISH

[*Spanish* Elementary grammar and reading of classical and modern Spanish Reading of *Don Quixote* with Ormsby's translation The object of this course is to give a practical elementary training in Spanish and also to read as much as possible for the sake of a vocabulary. The reading will be in standard works of literature.

The history of Spanish literature will be given in outline.

Elective course for Seniors, Juniors, and Sophomores, alternating with the course in Dante

Four hours a week through the year

Omitted 1908-1909

Assistant Professor WESTON]

### COMPARATIVE LITERATURE

*Comparative Literature 1* A course intended to serve as an introduction to the study of literature, dealing with its international aspects, common material, and the development of literary types.

Senior and Junior elective course

Three hours a week during the first semester

Professor MORTON

*Comparative Literature 2 The Romantic Movement*

Senior and Junior elective course

Three hours a week during the second semester

Professor MORTON

### DEPARTMENT OF GERMAN

Professor WAHL, Assistant Professor KING, Dr. JOHNSON,  
Dr. WARBEKE, and Mr. SCHULZE

*German 1* This is a course in grammar, composition, and reading of narrative prose, also some lyrics. Oral use of the language is introduced gradually, and special attention is paid to pronunciation in the small sections into which the class is divided.

Optional with *French 1* for Freshmen in Group I who enter without a modern language Required of students in Groups II and IV who do not offer *German 1* for entrance, elective for all others

Three hours a week through the year

Assistant Professor KING, Dr. JOHNSON, Dr. WARBEKE,  
and Mr. SCHULZE

*German 2 Intermediate German* In this course are read modern novels, Schiller's *Wilhelm Tell* and Goethe's *Hermann und Dorothea*. The course includes also grammar and composition. The oral use of the language in the class-room is increased in connection with the texts read, dictations, and lectures.

Required of Freshmen in Group I who offer *German 1* for entrance and of those students in Group I who have completed *German 1* in college; also of those in Groups II, IV, and V Elective for all others who have completed *German 1*

Three hours a week through the year; for Freshmen four hours

Assistant Professor KING, Dr. JOHNSON,  
and Dr. WARBEKE

[*German 3 Advanced German*

*German 3A* This course will be devoted to the reading of recent German literature, especially prose-fiction. It will be conducted, as far as practicable, in German, and lectures on the history of recent literature will be given in German. It will also include practice in writing German.

Elective course for those who have completed *German 2* or *German 4*. The course alternates with *German 4A*.

Four hours a week through the year

*German 3B* This course will be devoted to the reading of Schiller and Lessing. It will include composition, dictation, and lectures, and will be conducted, as far as practicable, in German. The course alternates with *German 4B*

For Freshmen who have completed *German 2*

Four hours a week through the year

Omitted 1908-1909

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*German 4 Advanced German*

*German 4A* This is a course in reading modern German literature, especially modern dramas. It is conducted, as far as practicable, in German, and lectures on the history of literature of the nineteenth century are given in German. It also includes composition and collateral reading.

Open to those who have completed *German 2* or *German 3*. The course alternates with *German 3A*.

Four hours a week through the year

Assistant Professor KING, and Mr. SCHULZE

*German 4B* This is a course on Schiller and Lessing. It includes

also composition, dictation, and lectures, and is conducted, as far as practicable, in German. The course alternates with *German 3B*.

For Freshmen who have completed *German 2*

Four hours a week through the year

Professor WAHL

[*German 5 Elective Advanced German* This course will deal with the reading of modern German prose from the time of Luther to the present time, and with the history of German literature and culture during this period. The course alternates with *German 6*.

Senior and Junior elective course, open to those who have completed *German 3* or *German 4*

Three hours a week through the year

Omitted 1908-1909

Professor WAHL]

*German 6 Elective Advanced German* This is a course on Goethe's *Faust* (Parts I and II) together with the reading of other works of the poet and a study of his life and times. It is conducted, as far as practicable, in German, including dictation and lectures in German.

Senior and Junior elective course, alternating with *German 5*

Open to those who have completed *German 3* or *German 4*

Three hours a week through the year

Professor WAHL

## DEPARTMENT OF PHILOSOPHY

Professor RUSSELL, Dr. CARTER and Assistant Professor PRATT

All the courses in this department are elective and are semester courses. They are as follows:—

*Philosophy 1 A Fundamental Course in Psychology* Judd's *Psychology* will be used as a text-book, and, in addition, collateral reading and papers will be required from the students.

Senior and Junior elective course

Three hours a week during the first semester

Professor RUSSELL and Assistant Professor PRATT

*Philosophy 2 The Psychology of Religion* The more important phenomena of religion will be studied from the psychological point of view. Lectures and assigned reading from Starbuck's *Psychology of Religion*, Pratt's *Psychology of Religious Belief*, and James's *Varieties of Religious Experience* Original research by the students

Senior and Junior elective course, open to those who have completed *Philosophy 1*

Three hours a week during the second semester

Assistant Professor PRATT

*Philosophy 3* The aim of this course is to survey the field of philosophy, to enable the student to comprehend the problems of philosophy, and to encourage his own effort in thinking upon great subjects.

Senior and Junior elective course

Three hours a week during the first semester

Professor RUSSELL

*Philosophy 4 History of Ancient and Medieval Philosophy* The aim of this course will be to treat the development of human thought from the humanistic point of view, and also to make the course a systematic introduction to the problems of philosophy. Special emphasis will be laid upon informal discussion by the students. *Bakewell's Source Book in Ancient Philosophy* will be used as a text.

Senior and Junior elective course

Three hours a week during the first semester

Assistant Professor PRATT

*Philosophy 5 A General Study in Logic* Russell's *Elementary Logic* will be used and its use will be supplemented by practical exercises and the reading of books on Science.

Senior and Junior elective course

Three hours a week during the first semester

Professor RUSSELL

*Philosophy 6 History of Religion* The more important ideas and institutions of the religions of primitive peoples will first be considered, after which the religions of Egypt, India, Persia, Israel, Islam, and Greece, will be taken up in some detail. Lectures and required reading, with frequent reports and a long thesis.

Senior and Junior elective course

Three hours a week during the second semester

Assistant Professor PRATT

*Philosophy 7 An Elementary Course in Ethics* Dewey and Tufts's *Ethics* will be made the basis of the course and collateral reading will be expected of the students.

Junior elective course

Three hours a week during the second semester

Professor RUSSELL

*Philosophy 8 History of Modern Philosophy* This course will be a continuation of *Philosophy 4*, but either course may be taken separately. The text-book will be Rogers's *Students' History of Philosophy*.

Senior and Junior elective course

Three hours a week during the second semester

Assistant Professor PRATT

*Philosophy 9 Abnormal Psychology*

Senior and Junior elective course, open to all who have completed

*Philosophy 1*

Three hours a week during the second semester

Professor RUSSELL

*Philosophy 10 Theism* The aim of this course is in part to make the student familiar with such considerations as tend to establish the belief, in a supreme personal God. The steps of the argument in Page's or Bowen's *Theism* are followed and parts of other text-books are made subjects of discussion.

Religion as a factor in the history of the race as represented in various faiths is considered and the objections to Theism examined. The course is not specially intended for theological students, but rather to awaken interest, quicken thought, and secure intelligence on the most important question of human life.

Senior elective course

Four hours a week until Christmas

Dr. CARTER

## DEPARTMENT OF HISTORY

Professor GOODRICH, Professor SMITH, and Assistant Professor COLLIER

*History 1 Mediaeval History (375-1453)* This course covers the field of general history from the Barbarian Invasions to the Renaissance. It is the fundamental course in the department and, with *History 2*, forms a prerequisite for all other courses in History. The methods comprise a text-book, lectures, collateral reading, and frequent written tests.

Sophomore elective course

Four hours a week during the first semester

Professor GOODRICH and Assistant Professor COLLIER

*History 2 Modern History (1453-1713)* This course is a continuation of the preceding one, carrying the history of Europe from the era of the Reformation to the treaty of Utrecht. Methods as in *History 1*

Sophomore elective course, open to those who have completed

*History 1*

Four hours a week during the second semester

Professor GOODRICH and Assistant Professor COLLIER



*History 3 English Political and Colonial History (1603-1783)*

The political history of England from the beginning of the struggle between monarch and parliament under James I to the final failure of absolutism under George III, together with the rise of English colonial power, the development of a colonial system and the loss of the North American colonies

Senior and Junior elective course, open to those who have completed *History 2*

Three hours a week through the year

Professor SMITH

*History 4 United States History (1776-1865)* This course covers the development of the United States from a confederation of states, through the contests of parties and of sections, to the final victory of the Union in the Civil War.

Senior and Junior elective course, open to those who have completed *History 2*

Three hours a week through the year

Professor SMITH

*History 5 European History (1713-1850) The Era of Political Revolution* This course treats of the political development of the principal states of Europe from the beginning of the eighteenth century to the close of the Revolution of 1848. Special attention is given to the period of the French Revolution and the Napoleonic Empire. The course of the movement, its causes and its results are studied in relation to all the principal states of Europe.

Senior and Junior elective course, open to those who have completed *History 2*

Three hours a week through the year

Professor GOODRICH

*History 6 Advanced United States History (1865-1908)* An advanced course in recent United States History in which the student is given training in independent investigation and historical criticism

Senior elective course, open to those who have completed *History 4*  
Three hours a week during the second semester

Professor SMITH

*History 7 Recent European History (1850-1890)* This is a continuation of *History 5*. The main features of the political development of Europe are studied, special attention being given to the unification of Italy and Germany, the policy of Bismarck in the new Empire, the history of the Second Empire and the Third Republic in France, the expansion of Russia and the Eastern Question in its effects upon European states.

Senior and Junior elective course, open to those who have completed *History 2*

Three hours a week during the first semester

Professor GOODRICH

*History 3 European History, the Era of the Reformation (1500-1600)* This is an advanced course involving some study of the original sources in German and French. Special attention is given to the influence of the Reformation on the political development of the principal European states.

Senior elective course, open to those who have completed *History 2*

Three hours a week during the second semester

Professor GOODRICH

(*Roman History*, social, political and military, from Marius to the age of Theodosius See *Latin 5*.)

Assistant Professor CLARK)

## DEPARTMENT OF THE HISTORY OF ART AND CIVILIZATION

Professor RICE

*Art 1 Art and Civilization of Antiquity* A brief survey of the architecture and sculpture of Egypt, Western Asia, Greece and Rome, including the period of early Christian, Byzantine and Moslem art

Lectures illustrated by photographs, charts and lantern views  
Collateral reading and practice

Senior and Junior elective course

Three exercises a week during the first semester

*Art 2 Art and Civilization of the Middle Ages* A study of the development of national styles of architecture, sculpture, and painting in Europe during the Romanesque and Gothic periods

Lectures, illustrated (as above), collateral reading and practice

Senior and Junior elective course, open to those who have completed *Art 1*

Three exercises a week during the second semester

*Art 3 Art and Civilization of the Early Renaissance* A study of the architecture, sculpture and painting produced in Italy and France during the 15th and 16th centuries

Lectures illustrated (as above), collateral reading and practice

Senior and Junior elective course

Three hours a week during the first semester

*Art 4 Art and Civilization of the Later Renaissance and Modern Times* A study of architecture, sculpture and painting in Europe and America from the beginning of the 17th century to the present day

Lectures illustrated (as above), collateral reading and practice  
 Senior and Junior elective course  
 Three hours a week during the second semester

## DEPARTMENT OF GOVERNMENT AND POLITICAL SCIENCE

President GARFIELD and Mr. DOUGHTY

*Government 1 The Constitution of the United States* This course consists of an examination of the theories and principles of government upon which is based the Constitution of the United States, as those theories and principles are presented in *The Federalist*, which work is used as a text-book in the course.

Senior and Junior elective course  
 Three hours a week during the first semester

Mr. DOUGHTY

*Government 2 Government in the United States* This is a study of general and local government in the United States. The governments of town, of county, of state, and of the United States, the relative efficiency of different local systems, and the nature and tendency of democratic and representative institutions are also the subjects of study.

The work will consist of reading, lectures, discussions, and the preparation of written themes. Bryce's *American Commonwealth* will be used as a basis.

Senior and Junior elective course  
 Three hours a week during the second semester

President GARFIELD

*Government 3 Jurisprudence* This course is a study of the theory and development of law, its sources and subject matter. The work will consist of oral and written recitations, and lectures. Holland's *Elements of Jurisprudence* and Maine's *Ancient Law* will be used as text-books.

Senior and Junior elective course  
 Three hours a week during the second semester

Mr. DOUGHTY

*Government 4 History of the Common Law of England (a)* This course is a study in outline of the Common Law as a system: its sources, subject matter, and principles. The work consists of recitations, oral and written, and lectures. Kerr's edition of Blackstone is used as a text-book.

Senior elective course  
 Three hours a week during the first semester

Mr. DOUGHTY

*Government 5 History of the Common Law of England (b)* This course consists of a study of the processes of reasoning involved in the application of the general principles of the system, and the rules of any particular branch, to specific sets of facts. The work consists of lectures, class room discussions, and written exercises. There are assignments of reading on special topics.

Senior elective course, open to those who have completed *Government 4*

Three hours a week during the second semester

Mr. DOUGHTY

## DEPARTMENT OF ECONOMICS

Acting Professor DROPPERS and Assistant Professor CLARK

*Economics 1 Introductory Economics* This course is designed to give the student a general view of the field of economic science. Bullock's *Introduction to the Study of Economics* is used as a text-book. Recitations and discussions

This course is required for admission to all other Economics courses except *Economics 2*.

Senior and Junior elective course

Three hours a week through the year

Acting Professor DROPPERS and Assistant Professor CLARK

*Economics 2 Economic History* A study of the development of modern industry and commerce, the great inventions in machinery, iron, steel, and railways, telegraph, cotton culture, factory legislation, and other topics of importance in modern industrial life. A lecture course outlining the evolution of modern economic conditions

Senior and Junior elective course

Three hours a week during the first semester

Acting Professor DROPPERS

*Economics 3 Corporations* A study of modern combinations of industry. Historical development of modern industrials in the United States from the pool to the trust and holding company. Forms of corporation securities. Economic and social effects of great combinations. Legislation in the United States and other countries and important legal decisions. State and federal control. Greene's *Corporation Finance*, and Ripley's *Trusts, Pools and Corporations* are used as text-books.

Senior and Junior elective course

Three hours a week during the second semester

Acting Professor DROPPERS

**Economics 4 Money and Banking** A survey of the principles of money especially in their relation to banking systems Dunbar's *History and Theory of Banking* and White's *Money and Banking* are used.

Senior elective course

Three hours a week during the first semester

Acting Professor DROPPERS

**Economics 5 Public Finance** A study of the theories and methods of taxation and financial administration Adam's *Public Finance* is used as a text-book

Senior elective course

Three hours a week during the second semester

Acting Professor DROPPERS

## DEPARTMENTS OF THE MATHEMATICAL AND NATURAL SCIENCES

### DEPARTMENT OF MATHEMATICS

Professor FERRY, Associate Professor HARDY, Mr. SHEPARD,  
Dr. GRIFFIN, and Dr. ATCHISON

**Mathematics 1 Algebra, Solid Geometry, Plane Trigonometry, and Surveying**

**Advanced Algebra** Binomial theorem, logarithms, permutations, combinations, method of undetermined coefficients, determinants, theory of equations, etc. Hawkes' *Advanced Algebra* is used as a text-book.

**Solid Geometry** Books VI, VII, and VIII of Wentworth's *New Plane and Solid Geometry*, together with original propositions and numerical problems

**Plane Trigonometry** The trigonometric functions, trigonometric analysis, solutions of right and oblique triangles, etc. Phillips and Strong's *Elements of Trigonometry* is the text-book used.

**Field Work in Surveying** The practical use of instruments, including determination of heights, simple triangulation, measurement of areas, and leveling This portion of the course is optional.

Freshman required course

Four hours a week through the year

Professor FERRY, Associate Professor HARDY,  
Mr. SHEPARD, Dr. GRIFFIN, and Dr. ATCHISON

**Mathematics 2 *Analytic Geometry and Differential Calculus***

**Analytic Geometry** Plane analytic geometry; the straight line, circle, parabola, ellipse, and hyperbola; with an introduction to analytic geometry of three dimensions Wentworth's *Analytic Geometry* is the text-book used.

The first semester

Professor FERRY, Mr. SHEPARD, and Dr. ATCHISON

**Differential Calculus** Methods of differentiation, expansion of functions into series, indeterminate forms, the simpler applications to mechanics and to the theory of plane curves, etc. Granville's *Calculus* is the text-book used.

The second semester

Associate Professor HARDY, Dr. GRIFFIN, and Dr. ATCHISON

Sophomore elective course, required of Freshmen in admission groups IV and V

Four hours a week through the year

**Mathematics 3 *Differential and Integral Calculus***

**Integral Calculus** Derivation and application of the fundamental formulas of integration; applications of the integral calculus to the determination of lengths of curves, areas and volumes, mean values, moments of inertia, etc., based on Granville's *Calculus*

The first semester

Associate Professor HARDY

**Differential and Integral Calculus** Continuation of the work of *Mathematics 2* and of the first half of *Mathematics 3* Applications of the differential and integral calculus Based on Granville's *Calculus*

The second semester

Mr. SHEPARD

Senior and Junior elective course, open to those who have completed *Mathematics 2*

Three hours a week through the year

**Mathematics 4 *Descriptive Geometry and Mechanical Drawing***

An introduction to descriptive geometry and the elements of mechanical drawing Randall's *Descriptive Geometry* is used as a text-book.

Senior and Junior elective course, open to those who have completed *Mathematics 2*

Three hours a week during the first semester

Associate Professor HARDY

*Mathematics 5 Descriptive Geometry* A continuation of *Mathematics 4*

Senior and Junior elective course, open to those who have completed *Mathematics 4*

Three hours a week during the second semester

Associate Professor HARDY

*Mathematics 6 Differential Equations*

Methods of solution of the simpler forms of differential equations, applications to many problems of mathematical physics, etc., based on Murray's *Differential Equations*

Senior and Junior elective course, open to those who have completed *Mathematics 3*

Three hours a week during the first semester

*Mathematics 7 Modern Methods in Analytic Geometry*

Abridged notation, line co-ordinates, harmonic division, projection, etc., with many applications Lectures, with references to Salmon's *Conic Sections* and other works

Senior and Junior elective course, open to those who have completed *Mathematics 3*

Three hours a week during the second semester

Professor FERRY

## DEPARTMENT OF ASTRONOMY

Professor MILHAM

*Astronomy 1* This course is divided into two parts, descriptive astronomy and an introduction to spherical and practical astronomy. In the descriptive astronomy a text-book, Young's *Manual of Astronomy*, is used as the basis of instruction. Numerous supplementary lectures are given and the course is illustrated by charts and photographs. Such topics as the time service of the country, the origin of our calendar, the presence of an atmosphere in the case of the moon and the planets, and the nebular hypothesis, are treated at length. During the second part of the course lectures on modern observatories, their location, equipment, and work, are given. Experimental demonstration and practical exercises in the observatory constitute a large part of the instruction during the last part of the second semester. A knowledge of *Mathematics 1* is required for this course

Senior and Junior elective course

Three hours a week through the year

*Astronomy 2* One of the following semester courses will be given. The course in surveying is the one ordinarily given, but one of the other courses will be substituted if a sufficient number of students desire it.

(a) *Surveying* Such topics as the theory and use of surveying instruments, land surveying, leveling, and determination of heights by triangulation and by means of the barometer, are treated. *Mathematics 1* is required.

(b) *Practical Astronomy* This consists of spherical trigonometry, practical exercises in the observatory, and the reduction of the observations. *Mathematics 1* and *Astronomy 1* are required.

(c) *Theoretical Astronomy* This is an introduction to celestial Mechanics and is open only to those who have completed *Mathematics 3*.

Senior and Junior elective course

Three hours a week during the second semester

*Meteorology* The equipment of the stations of the United States Weather Bureau and scientific weather prediction are very fully treated. The text-book, Davis's *Elementary Meteorology*, is supplemented by numerous lectures and practical work on meteorological statistics and in making weather forecasts.

Senior and Junior elective course

Open to those who have completed *Physics 1*

Three hours a week during the first semester

## DEPARTMENT OF CHEMISTRY

Professor MEARS, Dr. KENNON, and Mr. L. B. MEARS

*Chemistry 1 General Chemistry* The principles of chemistry are studied in connection with the non-metals and their compounds. This course is given by experimental lectures, supplemented by recitations and practical work in the laboratory.

Sophomore elective course

Four hours a week during the first semester

*Chemistry 2 Metallic Chemistry and Qualitative Analysis* A course of lectures is given on the occurrence, properties, and uses of the metals and their compounds.



Most of the time is devoted to qualitative analysis in the laboratory. This work includes the reactions of the principal bases and acids, their detection and separation. About 100 solutions and 100 solid substances are analyzed during the course, including about 50 minerals. This course is a continuation of *Chemistry 1*

Sophomore elective course, open to those who have completed *Chemistry 1*

Five periods a week of two hours each during the second semester

*Chemistry 3 Quantitative Analysis* This course embraces the quantitative determination and separation of the principal bases and acids. Both gravimetric and volumetric methods are employed.

Senior and Junior elective course, open to those who have completed *Chemistry 2*

Three periods a week of two hours each during the first semester

*Chemistry 4 Organic Chemistry* Lectures on the compounds of carbon, including the history of chemistry and its development to the present time

This course completes the work begun in *Chemistry 1* and continued in *Chemistry 2*.

Senior and Junior elective course, open to those who have completed *Chemistry 2*

Three hours a week during the second semester

*Chemistry 5 Advanced Organic Chemistry* This course is a continuation of the work begun in *Chemistry 4*. The principles of organic chemistry are applied to the preparation of organic compounds in the laboratory with a discussion of the reactions involved. Gattermann's book on organic preparations is used.

Senior and Junior elective course, open to those who have completed *Chemistry 4*

Three periods a week of two hours each during the first semester

Dr. KENNON

*Chemistry 6 Physical and Advanced Inorganic Chemistry* This course consists of lectures on the modern theories of physical chemistry together with experimental work in the laboratory. A course is also given in the preparation of inorganic compounds with a discussion of the reactions involved.

For those who prefer it, a parallel course in physiological chemistry may be offered.

Senior and Junior elective course, open to those who have completed *Chemistry 4*

Three periods a week of two hours each during the second semester

Dr. KENNON

## DEPARTMENT OF PHYSICS

Professor McELFRESH and Dr. FOUNTAIN

*Physics 1 General Physics* This course deals with the elementary facts and principles of physics and with the application of physical laws to the experiences and phenomena of daily life. The instruction includes lectures with experimental demonstrations, written recitations, and work in the laboratory.

Sophomore elective course

Four hours a week during the first semester

*Physics 2 Experimental Physics* Mechanics, sound, heat, light, magnetism, and electricity This course consists of a series of physical measurements in the laboratory, accompanied by lectures. The lectures deal with the methods and principles involved in the laboratory work and also discuss certain physical problems which do not readily lend themselves to laboratory experimentation. In the laboratory work high-grade instruments of precision are employed and the course is expected not only to develop familiarity with physical phenomena, but, at the same time, to give skill in accurate measurement.

Sophomore elective course, open to those who have completed *Physics 1*

Five exercises a week during the second semester These will generally be two lectures of one hour each and three laboratory periods of two hours each.

*Physics 3*

(a) *Electrical Measurements and Practical Applications of Electricity* This course consists of lectures and laboratory work and includes a study of the magnetic properties of iron and steel, of direct and alternating current phenomena, and of their practical illustration in the dynamo and motor.

(b) *Heat and Light* A study of the elements of thermodynamics and physical optics Lectures and reading with occasional laboratory experimentation

Only one of these sub-courses will be given each year.

Senior and Junior elective course, open to those who have completed *Physics 2*

Three exercises a week through the year

*Physics 4 Experimental Mechanics* The general principles of mechanics; statics and kinetics of rigid bodies Lectures, problems and laboratory work

Senior and Junior elective course, open to those who have completed *Mathematics 2* and *Physics 1*

Three exercises a week during the first semester

*Physics 5 Experimental Mechanics* A continuation of *Physics 4*  
Statics and kinetics of liquids and gases

Senior and Junior elective course, open to those who have completed *Physics 4*

Three exercises a week during the second semester

## DEPARTMENT OF BIOLOGY

Professor CLARKE, Professor KELLOGG, and Mr. PACKARD

*Biology 1* The fundamental facts and principles of the science of life are presented in this course. It treats of the order of nature and of the laws of nature. It gives the student a knowledge of the properties and powers, and what contributes to the successful action of, and what are the chief sources of danger to, the living material of which he is composed, through which he does his life work. It deals with the structure of living matter, its possible origin, and its relation to non-living matter.

A typical plant and an animal are studied to illustrate the way in which the two great groups solve the problem of maintaining life, their relations to each other and to their surroundings. As the highest form of living matter, man is studied in his relations to, and his dependence on, other forms of life, and with regard to the meaning and origin of his structure. An outline is given of the evidences of the evolution of life, of mutual aid and associated life among animals, and their possible significance. The object of the course is to make a man intelligent regarding himself, and his fundamental relations to his environment; to set before him the relations of this knowledge to other knowledge, and by this broad view gain a larger appreciation of, and a more generous sympathy with, many of the great interests and resources of human life.

While this course is complete in itself it furnishes a broad foundation of value to one who takes further work in biology.

Lectures, with the examination of notebooks, and occasional laboratory work

Sophomore elective course

Four hours a week during the second semester

Professor CLARKE

### *Biology 2*

The year's work includes three subjects:

(a) *Zoology of the Invertebrata* This part of the course extends from September to about the last of March. Instruction is by means of lectures, recitations, and laboratory work. The great groups of animal forms below the vertebrates are examined in order from the

simpler to the more complex, the general characters of each being studied in detail. From each group several species are selected for minute study in the laboratory.

(b) *Theories of Biology* The remainder of the year is given to a series of lectures, with recitations, on the general problems of biology. Laboratory work in (a) will be continued during this period.

The course considers the views of the early Transmutationists, of Lamarck and the Neo-Lamarckians, and enters fully into a discussion of the theory of natural selection of Darwin and Wallace, on which the science of biology is founded. Attention is given to the earlier criticisms of the theory, and more particularly to recent observations which tend to limit it as a universal explanation of the structural and functional peculiarities of organisms.

Among the subjects discussed are the meaning of the term species, the multiplication of organisms and the struggle for existence, variation among individuals, the meaning of color and peculiar structural modifications among animals and plants, heredity, natural selection and the development of the mental faculties, natural selection and morals, and the influence of the scientific method on modern thought.

Senior and Junior elective course

Three exercises (six hours) a week through the year

Professor KELLOGG

*Biology 3* A continuation of *Biology 2*

(a) *Zoology of the Chordata* The course continues through the first semester. As in the *Zoology of the Invertebrata*, instruction is by means of lectures, recitations, and laboratory work. The fishes, amphibia, reptiles, birds, and mammals are studied comparatively by means of dissections in the laboratory.

(b) *Embryology* The second semester is given to a study of the development of starfish, frog, chick, and mammal. In the first two forms, special attention is given to the early stages which follow fertilisation. The work on the chick is outlined by a text-book, and is followed in the laboratory by means of preparations made by the student. It covers the development from the beginning of incubation to a stage in which the more important organs of the body have appeared. Mammalian development is compared with that of the chick, which it closely resembles, but is studied in the laboratory only by means of models and demonstration preparations.

Senior elective course

Three exercises (six hours) a week through the year

Professor KELLOGG

*Biology 4 Sanitary and Experimental Biology* The first part of the course will be devoted to a general survey of the methods of applied biology, especially in the examination of waters and water-supplies. The Sedgwick-Rafter method will be employed chiefly. The geographical and seasonal distribution of microscopic organisms in ponds and lakes, odors in water supplies, and the growth of organisms in water-pipes will be among the topics discussed. A microscopical examination of selected samples of water will be made, affording familiarity with the more common algæ (lower plants), protozoa, rotifera, crustacea, etc. found in drinking-waters; the results will be interpreted in the light of environmental studies. The relation of protozoa to disease will be considered at some length. In the problem of safeguarding human life in any community, the securing and maintaining of a pure water-supply is one of the most important factors, and in order to accomplish this it is necessary to have, not only the physician and sanitary engineer who can tell when water is impure and how to purify it, but also the citizen who knows what to vote for and who can be a center of intelligent influence in society.

The latter part of the course will consider the recent trend of biological investigation along experimental lines, indicating the more important results in the study of growth and regenerations, reactions to stimuli, development, inheritance, etc.

Senior and Junior elective course, open to those who have completed *Biology 1*, or the first semester of *Biology 2*

Three exercises a week during the second semester There usually will be two lectures of one hour each, and one laboratory period of two hours.

MR. PACKARD

*Botany* (*Biology 5*) The morphology and physiology of the seed plants will be considered in the first semester. This will include the study of the life-history of a plant, and its relation to its organic and inorganic environment.

In the second semester a study of the morphology and classification of all the plants will be made the basis for a discussion of their relation by descent.

Some of the special topics will be the origin and development of the plants, the work of the plants, their relation to human life, the origin of sex. Practice in the determination of seed plants will be given in connection with field work to be arranged as practicable.

The methods employed will be lectures, laboratory exercises, text-book and field work.

Senior and Junior elective course  
Three exercises a week through the year

Professor CLARKE

## DEPARTMENT OF HYGIENE AND PHYSIOLOGY

Professor HOWARD

*Hygiene* A series of twelve lectures on the preservation of health. The lectures are designed to acquaint the student with the causes of disease, to point out the conditions of healthy living, and to inculcate those habits that promote physical efficiency. In several lectures attention is given to the problems of public health, especially those of safeguarding the food-supply and stamping out communicable disease.

Freshman required course

One hour a week until Christmas

*Physiology 1* An elementary study of the mechanism of life. Attention is centered chiefly on the structure and function of the human body, but the facts of general physiology are constantly employed to throw light on the special problems of human physiology. The physical and chemical features of the material basis of life are discussed first. Following this is a brief survey of cell physiology. Subsequently the neuro-muscular mechanism, the central nervous system, and the organs of sensation are studied. As far as time and the nature of the subject permit the facts of physiology are demonstrated to the class, and the discussions are based as far as possible on these observed phenomena. Howell's *Text-book of Physiology* is used, supplemented by reading of references in the manuals and periodicals of the science.

The elementary courses in physics, chemistry and biology are recommended, though not required as preparatory to this course.

Senior and Junior elective course

Three hours a week during the first semester

*Physiology 2* This course continues the study of Physiology on lines identical with those followed in *Physiology 1*. Nourishment is the central topic. Under this head are studied alimentation, respiration, circulation, metabolism, etc.

Senior and Junior elective course, open to those who have completed *Physiology 1* or *Biology 2*

Three hours a week during the second semester

## DEPARTMENT OF GEOLOGY AND MINERALOGY

Professor CLELAND and Mr. CORWIN

*Geology 1 General Geology* This course is designed to give the student a general knowledge of the formation, structure, and history

of the earth. The purpose throughout the study is so to familiarize the student with the features of the earth's surface by lantern slides, photographs, models, excursions, and lectures, that the earth forms will have a definite meaning to him. In the study of the life of the past the course of the evolution of animals and plants will be as carefully traced as time will permit.

The subject is divided into three parts:

(a) *Dynamical Geology* deals with the forces which have shaped, and are now shaping, the earth's surface, such as weathering and erosion, glaciers, volcanoes, and earthquakes.

(b) *Structural Geology* In this part of the course the structure of the earth's crust and the rocks and minerals of which it is composed will be studied.

(c) *Historical Geology* This division of the subject is a history of the life of the earth as shown by the fossil remains found embedded in the rocks and is, primarily, a study of the development of life. The fossils in the collection and a number of casts of extinct vertebrates will be used in illustration.

Excursions will be taken to points of geologic interest about Williamstown. It is probable that one excursion outside of Williamstown will be made to the Helderberg Mountains of New York, where an exceptionally fine section of fossiliferous rocks occurs.

Senior and Junior elective course, open to those who have completed or who are taking *Chemistry 1*

Three hours a week through the year

*Geology 2 Advanced Geology* After a review of those principles of Geology that are essential to the understanding of Economic Geology the aim of the course is to afford the student a practical knowledge of the mineral products of the United States, such as coal, gypsum, salt, iron, lead, copper, etc.; special attention being paid to the origin and occurrence of the materials and their geological aspect.

Excursions to Charlemont, Hinsdale, Cheshire, etc., will be taken.

Senior and Junior elective course, open to students who have completed *Geology 1*

Three hours a week during the first semester

*Geology 3 Mineralogy* The purpose of this course is to give a knowledge of the commoner minerals. To accomplish this the subject will be introduced by a brief course in crystallography followed by blow-pipe analysis. The student will be taught to identify the minerals by their physical properties as well as by blow-pipe and chemical tests. Specimens will be freely used. The text-book will be *Min-*

*erology and Crystallography and Blow-pipe Analysis*, Moses-Parsons. A laboratory fee of three dollars will be charged.

Senior and Junior elective course, open to students who have completed either *Geology 1*, or *Chemistry 1* and *Chemistry 2*

Three exercises (six hours) a week during the second semester

*Geology 4 Commercial and Physical Geography* The purpose of this course is to give the student a general knowledge of the Geology, Geography, and physical features of the countries of North and South America and Europe, together with the climates of these countries and the conditions which produce them. The natural resources, such as mineral wealth and agricultural and manufactured products, will be discussed as fully as the time will permit. In the study of the United States the influence of Geography on American History will be especially emphasized.

Lectures, text-books and assigned reading and papers

Senior elective course

Three hours a week during the second semester

## DEPARTMENT OF PHYSICAL TRAINING

Mr. SEELEY

Exercises consisting of marching, calisthenics, and light gymnastics with wands, clubs, chest-weights, and dumb-bells

Freshman required course

Three forty-five minute periods a week until Easter

Elective work in the gymnasium is offered to the other classes.

[In connection with this work a course of lectures on Hygiene will be given in the fall by Professor Howard. See the announcement of Hygiene and Physiology.]



## **GENERAL INFORMATION**

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### **ORDER AND DISCIPLINE**

It is the aim of the college to develop in the individual student the sense of personal responsibility for good order and a high standard of scholarship, and to secure, in the largest measure, his coöperation with the Faculty in the development of his own character. But if such coöperation is plainly impossible, a student may be dismissed from college, even without previous warning.

### **HONOR SYSTEM**

All college examinations are conducted under an honor system, established in 1896, by which the presence of proctors in the examination room is dispensed with and each student is placed on his honor. The following declaration is necessary to make any examination or other work written on paper in the classroom valid: *I have neither given nor received aid in this examination.*

All cases of suspected fraud are dealt with by a committee of ten students, including representatives from each class, who have the power to decide on the question of guilt and to recommend to the Faculty the penalty of dismissal from college in the case of a Senior, Junior, or Sophomore, and of suspension in the case of a Freshman.

### **REGISTRATION**

All students are required to register at the Dean's Office on Tuesday, Wednesday, or the morning of Thursday at the beginning of the college year and again, as occasion may demand, shortly before the beginning of the second semester. For unexcused delay in registration a fee of five dollars is imposed.

### ATTENDANCE ON COLLEGE EXERCISES

Attendance on nine-tenths of the exercises in each course is required of Seniors, Juniors, and Sophomores, and attendance on nineteen-twentieths of the exercises in each course is required of Freshmen. If a student fail for any cause to meet this requirement of attendance on secular exercises, work additional to that done by the class will be assigned in some department or departments of study in which the failure has occurred. This assignment of extra work will be made by a committee of the Faculty in consultation with the instructor, and will be announced at the end of the semester.

Each student is allowed to be absent from the Sunday morning service twice and from the morning prayers and Sunday afternoon service combined thirteen times each semester.

The regulation of attendance on both the secular and the religious exercises is entrusted to the Dean. He is authorized to establish such rules for attendance on the religious exercises of the college as he may deem necessary, and to place on probation any student who fails to meet these requirements, or whose attendance on recitations and lectures is especially irregular. If a student does not comply with the conditions of the probation, the Dean may dismiss him from college; but any student thus dismissed has the right of an appeal through the Dean to the Committee on Administration.

### COMPLETION OF COURSES

A course will be considered satisfactorily completed for any semester when the student has obtained a mark of not less than fifty in the daily work (which shall include all oral and written exercises prior to the semi-annual examination), and marks of not less than fifty in the semi-annual and extra-work examinations. A student failing to obtain

a mark of fifty in the daily work must repeat the course with a subsequent class or take, in the case of an elective, an equivalent course. A student failing to obtain a mark of fifty in the semi-annual examination will be allowed two further opportunities to pass that examination; if unsuccessful in both of these, he will be required to repeat the course with a subsequent class or take, in the case of an elective, an equivalent course. For requirements for graduation, see pp. 48, 49.

### DEGREES

*Bachelor of Arts*—The Degree of Bachelor of Arts is conferred by vote of the Trustees at the annual Commencement upon students who have completed the requirements as to courses, hours, and grades to the satisfaction of the Faculty (see pp. 48, 49), have paid their dues to the Treasurer, and have returned all books belonging to the library; but the degree may be forfeited by misconduct at any time previous to the close of the Commencement exercises.

*Master of Arts*—The degree of Master of Arts is conferred upon Bachelors of Williams College of at least one year's standing who, having spent one year in residence at the college, pursuing two approved courses of study as explained below, have passed a satisfactory examination in each subject, and have submitted a satisfactory thesis.

The degree is conferred upon Bachelors of Williams College who have spent one year in residence at any academic institution, pursuing two approved courses as below, provided that none of the work taken for the degree be used in fulfilment of the requirements for degrees elsewhere, and having registered for the Master's degree not less than one college year, have fulfilled the conditions as to examinations and thesis.

The degree is conferred upon Bachelors of Williams College who, not having been in residence, but having been registered as candidates for the degree not less than two

years, have fulfilled the conditions as to courses, examinations, and thesis.

Undergraduates of Williams College who at the beginning of their Senior year require not more than eight semester hours to complete the requirements for the Bachelor's degree may apply the remainder of their allowed semester hours toward the Master's degree, receiving the same one year after graduation, provided that they have satisfied the conditions as to courses, examinations, and thesis.

The degree is conferred upon Bachelors of other colleges conferring the Bachelor's degree under conditions equivalent to those required at this college, provided that the approved courses are pursued in residence at Williams College under the specified conditions as to time, examinations, and thesis.

Each candidate must submit two courses of study, which together shall be equivalent to the work of a fifth college year. Of these courses, one, to be known as the major course, must be equivalent to at least twenty semester hours, and the other, to be known as the minor course, must be equivalent to at least ten semester hours.

Each candidate will outline his courses under the direction of the heads of the departments interested and the Committee on Graduate Students, who together shall be empowered to decide whether the candidate may pursue certain advanced undergraduate courses as part of the work leading to the degree.

Candidates for the Master's degree are required to pass their examinations with at least a B grade; *i. e.*, with a minimum of eighty-two per cent.

The thesis required of each candidate must treat a subject related to the major course. It must be submitted not later than May fifteenth of the year in which the candidate desires to be examined, and must meet the approval of the professor to whose department it is related and of the Committee on Graduate Students. A copy of the

thesis, printed or typewritten on paper of the size generally used in a typewriter, must be deposited in the College Library.

*Each candidate must file his registration with the Secretary of the Committee on Graduate Students not later than October fifth of the year in which he desires to enter on his work. The registration must be renewed not later than October fifth of each year for which the applicant desires to be considered a candidate; and, in case of non-resident candidates, the renewal of the registration must be accompanied by a statement showing the progress that has been made during the year.*

Candidates for the degree must pay to the Treasurer of the College twenty dollars at the time of the first registration, and five dollars at the time of the final examination. No further charge is made for the diploma.

The degree must be taken not later than three years after the first registration, unless the period be extended by special vote of the Committee on Graduate Students. The candidate must give notice of his readiness for the final examinations not later than May first of the year during which he expects to receive the degree.

Candidates in residence who desire instruction will be charged forty dollars for each course, in addition to the prescribed fees for registration and examination. This will entitle them to one weekly period of instruction in each course. An additional charge may be made for the use of laboratory apparatus.

The College Catalogue will contain the names of those candidates who take the required courses *in residence*, not the names of those who pursue work *in absentia*.

Successful candidates for the degree are required to be present at the time when the degree is conferred, unless previously excused by the Board of Trustees.

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Communications relative to the Master's degree should

be addressed to Professor Carroll Lewis Maxcy, Secretary of the Committee on Graduate Students.

### RECORDS AND REPORTS

A report of scholarship is sent to every student's parents or guardian at the close of each semester, and at such other times as the Faculty may deem expedient. A permanent record of each student's scholarship is kept and by this record his final rank is determined.

### PUBLIC WORSHIP

Chapel exercises are held every week-day morning and Sunday evening, and all students are required to be present.

On every Sunday morning, a preaching service is held in the college chapel at which the presence of all students not excused to attend elsewhere is required.

### PREACHERS TO THE COLLEGE FOR THE YEAR

1907-1908

President Henry Hopkins	Williamstown
Rev. Francis T. Clayton	Williamstown
Rev. F. Boyd Edwards	Brooklyn, N. Y.
Rev. H. Sloane Coffin, D.D.	New York City
Rev. Willis H. Butler	Northampton
Rev. Howard C. Robbins	Englewood, N. J.
Rev. Daniel Merriman, D.D.	Worcester
Rev. Willard Scott, D.D.	Worcester
Rev. Ozora S. Davis	New Britain, Conn.
Rev. Clarence A. Barbour, D.D.	Rochester, N. Y.
Rev. Addison Ballard, D.D.	Pittsfield
Rev. William R. Richards, D.D.	New York City
Mr. Robert E. Speer	New York City
Professor G. W. Knox, D.D.	New York City
Rev. Joseph H. Twichell	Hartford, Conn.
Rev. Hugh Birekhead	New York City
President W. D. Mackenzie, D.D.	Hartford, Conn.
Rev. Raymond Calkins	Portland, Me.
Rev. H. E. Cobb, D.D.	New York City
Rev. A. F. Schauffler, D.D.	New York City

Rev. John H. Denison	Boston
Professor John E. Russell	Williamstown
Rev. Daniel Evans	Cambridge
Professor Edward C. Moore, D.D.	Cambridge
Rev. H. Grant Person	Newton
Rev. W. R. Ranney	Hartford, Conn.
President A. V. V. Raymond, D.D.	Schenectady, N. Y.
Rev. S. V. V. Holmes, D.D.	Buffalo, N. Y.
Rev. John S. Zelig, D.D.	Plainfield, N. J.
Professor Francis G. Peabody, D.D.	Cambridge
Rev. Harry P. Dewey, D.D.	Minneapolis, Minn.
Rev. Hugh Black, M.A.	New York City
Rev. Albert J. Lyman, D.D.	Brooklyn, N. Y.
Rev. Charles E. Jefferson, D.D.	New York City
Rev. Paul Revere Frothingham	Boston
Rev. C. G. Sewall	Albany, N. Y.
Rev. W. W. Adams, D.D.	Fall River

### LIBRARY

The College Library contains sixty-three thousand three hundred volumes, exclusive of duplicates, and over nineteen thousand pamphlets. The card catalogue now covers the entire collection, bound and unbound. For the maintenance and enlargement of the library about six thousand five hundred dollars are expended annually. The Lawrence, Jonathan Phillips, J. Ruthven Adriance, D. A. Jones, Class of 1878, and Josiah William Wheeler funds represent a capital sum of about fifty-five thousand two hundred dollars, the income from which is increased by gifts, and by special appropriations of the Trustees.

Students have direct access to all books. They may draw three volumes at a time, to be retained, if desired, for two weeks, with the privilege of one renewal. Abundant facilities are afforded for reading, study, and writing during library hours.

The library is open every week day during the entire year. From September to Thanksgiving, and from Easter to Commencement the hours are from 8 A. M. to 12 M., from 1 P. M. to 6 P. M., and from 7.30 P. M. to 10 P. M.

Between Thanksgiving and Easter the hours are 8.30 A. M. to 12.30 P. M., 1.30 P. M. to 6 P. M., and 7.30 P. M. to 10 P. M. On Sundays during the college year the library is open, for reading and reference only, from 2 P. M. to 5.25 P. M. In vacation the hours are from 10.30 A. M. to 12.30 P. M., on week days.

A special effort is made to promote the seminary method. For this purpose reference books bearing on the term's work are placed in a special department of the east wing. Branch libraries are established in the Thompson Laboratories, Griffin Hall, Clark Hall, and Hopkins Hall, bringing the books bearing on biology, chemistry, physics, mathematics, astronomy, history, government, economics, physiology, botany, and geology, within the immediate reach of students in those departments. With the same method in view, books used for special study in language, literature, and philosophy are placed in the Reference Room in Goodrich Hall.

The libraries of the Philotechnian and Philologian Societies, containing nine thousand volumes, are open to their members Wednesdays and Saturdays.

A comfortable reading-room, well supplied with daily and weekly papers and other current literature, is maintained under the auspices of the Mills Young Men's Christian Association.

### LABORATORIES

The departments of Biology, Chemistry, and Physics are located in the three buildings presented to the college by the late F. F. Thompson, Esq., of New York City.

The Biological Laboratory contains three laboratories for the various courses offered, a general lecture room, a library and reading-room where much of the current literature of biology is kept on file, also a room for illustrative collections, and an aquarium. The work of instruction and research commands the aid of suitable apparatus, such



as microscopes, microtomes, ovens, baths, and other necessary appliances, together with a large series of charts, models, and illustrative collections, which are being continually increased. There is also a complete stereopticon outfit, with projection microscope and arc light.

The Chemical Laboratory is supplied with modern appliances for instruction in chemistry. The building contains three large laboratories, two private laboratories, lecture and recitation rooms, and a reference library.

The Physical Laboratory contains a well appointed lecture room, a recitation room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a Westinghouse engine of fifteen horse-power, and by a ten horse-power induction motor. The electrical equipment includes a five kilowatt dynamo, several smaller dynamos and motors, and standard instruments for measuring current-strength, voltage, resistance, capacity, etc. A storage battery of fifty cells furnishes current for the lecture room and laboratories.

### OBSERVATORIES

The astronomical department of the college possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, N. Y., with an object glass by Alvin Clark, Senior, which has an aperture of 7 inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. The meridian room of the Hopkins Observatory contains a portable transit which can be used as a zenith telescope, together with the necessary clock. Another room contains the meteorological apparatus. Meteorological observations have been made regularly since about

1816. Nearly all of the instruction is given in this observatory.

In another part of the town a plot, comprising five acres and a half, was purchased in 1881 for astronomical purposes. At present this enclosure contains the Field Memorial Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a small building for the accommodation of portable instruments. The main instrument of this observatory is a fine meridian circle by A. Repsold and Sons of Hamburg, with a telescope of 4.8 inches aperture and a circle divided to 2' of arc, reading by four microscopes to single seconds directly. The meridian circle is provided with a Riefler clock, a fillet chronograph, and collimators according to Rittenhouse.

In addition the department of astronomy is provided with a large number of portable instruments, among which are two telescopes for the simpler observations and three surveyor's transits, one of them a Wanschaff universal with seven-inch limb, latitude level, and microscopes reading to 5" directly. There are also several instruments of reflection, including sextants, sailor's octants, and two prismatic circles, three chronometers, artificial horizons, and other small pieces of apparatus.

### GEOLOGICAL MUSEUM

At the beginning of the present college year the geological collections were transferred to the museum room of Edward Clark Hall and are now open to the public.

The value of the collection to the public and for instruction has been greatly increased by the purchase of numerous specimens and models in the past few years. The Wilder mineral collection, the fossils collected by Professor Ebenezer Emmons and given by him to the college, much excellent local material, together with specimens

obtained by purchase and exchange make the exhibition peculiarly valuable.

The collections of modern shells, the gift of missionary alumni and others, is quite complete and will shortly be placed on exhibition.

A large series of models illustrating mountain structure, faulting, etc., as well as physiographic models and photographs are on exhibition and are also available for classroom purposes.

### GYMNASIUM

The Lasell Gymnasium, erected and equipped at a cost of \$50,000, chiefly by the munificence of the widow of the Hon. Josiah Lasell, of the class of 1844, and of his son, Josiah Manning Lasell, of the class of 1886, furnishes abundant facilities for physical development. The apparatus is the outcome of the study and invention of the best teachers of gymnastics. Pulley-weights of the best pattern, adjustable to varying strength, light Indian clubs, dumb bells, both of wood and of iron, horizontal and parallel bars, rings, and apparatus for developing special muscles, are used under the immediate supervision of an instructor. An inclined padded running track 229 feet in length, and a swimming pool 65 by 22 feet, are important features of the building. It is provided with hot and cold water, tub, sponge, and shower baths, and five hundred and fifty steel lockers. There are several class drills daily in the main hall at hours suiting the convenience of the students. A careful examination and measurement of each student is made by the Director, not only soon after entering college, but also at occasional intervals later in the course, in order that the exercise may be adapted to individual peculiarities, and a symmetrical development secured. Gymnastic exercise is required of the Freshman class until the Easter recess.

**COLLEGE INFIRMARY**

Through the generosity of friends of the college a house has been provided where students who are ill can receive proper attention. Each student cared for at the Infirmary is charged one dollar a day. In case a special nurse is needed, the expense is to be borne by the person requiring the same, and the Infirmary is to be reimbursed for all expense and at the rate of six dollars a week for the nurse's board. In cases of contagious disease nurses charge extra for services. Board bills are to be paid to the College Treasurer.

**PRIZES****BENEDICT PRIZES**

The late Hon. Erastus C. Benedict, of the class of 1821, once an instructor in the college, established seven first prizes of twenty-five dollars each, which may be awarded annually for excellence in the following departments: Latin, Greek, French, German, Mathematics, Natural History, and History; seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.\* Honorable mention is here counted as a prize. In case of a tie, the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not be counted.

**BOOK PRIZES FROM THE RICE FUND**

Six book prizes will be awarded from the Rice fund for excellence in Latin and Greek to students who are not recipients of the Benedict prizes in those subjects.

\*For the present an additional sum of \$75.00 will be given each year by a friend of the college to increase this prize to \$100.00.

Candidates for these prizes must have completed one year's work in Greek and two years' work in either Latin or Greek.

## VAN VECHTEN PRIZE

A prize amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of the class of 1847, may be awarded for extemporaneous speaking. The assignment of this prize will be made by a committee of the Faculty on the basis of a public competition.

## GRAVES PRIZES

The late Arthur B. Graves, Esq., of the class of 1858, founded seven prizes, amounting to two hundred dollars, which may be awarded as follows: six prizes of twenty dollars each for the best six essays prepared by members of the Senior class, on subjects assigned by the Faculty; and one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience. The essays must be deposited in the library.

## RHETORICAL PRIZES

On the evening before Commencement, ten speakers, appointed equally from the Junior and Sophomore classes, deliver original orations in competition for five prizes. The income of two thousand dollars, a part of which was given by Elizur Smith, Esq., of Lee, is appropriated for these prizes.

The Trustees of the college offer two prizes of twenty dollars and ten dollars respectively to members of the Freshman class for excellence in declamation.

## RICE PRIZES

The income of five thousand dollars, left to the college by the late James Lathrop Rice, Esq., is by his will appro-

priated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Latin classics; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Greek classics; and forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in both departments, but no prize will be assigned to a student who has not taken the subject for the four years of the college course. One of the elective year-courses, however, may be passed off by examination, but such a course may not count toward a degree.

#### DEWEY PRIZE

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be awarded to the member of the graduating class who presents the most creditable oration in point of composition and delivery at the Commencement exercises.

#### LATHERS GOLD MEDAL

The income of a fund of one thousand dollars, received from the late Col. Richard Lathers, is to be used each year for the making of the Lathers gold medal from a mould or die, for the manufacture of which Col. Lathers gave an additional sum of one hundred dollars. This medal will be offered in competition to all members of the Senior class who hand to the Secretary of the Faculty on or before the first day of March preceding their graduation a written essay of not less than one thousand words on "The Duties

of Christian Men in Relation to Government," and will be assigned to that writer whose essay has been pronounced by a committee of the Faculty to be the most worthy of publication. The essay selected shall then be sent by the Secretary of the Faculty to the *Springfield Republican*, or to a journal published in Pittsfield, with the request that it may appear in a near issue of such newspaper. In case no one of the competing essays has been adjudged worthy of publication, no medal for that year shall be awarded.

#### THE DAVID A. WELLS PRIZE

In accordance with the will of the late David A. Wells, of the class of 1847, a prize of \$500 will be awarded annually for the best essay upon a subject in any one of a number of branches of Political Science.

The will provides that if no essay deemed worthy of the prize be presented in any year the award shall be withheld for that year. The successful essay will be printed and circulated by the college out of the residual income of the fund.

Competition is limited by the terms of its foundation to Senior undergraduates, and to graduates of Williams College of not more than three years' standing.

The following provision of the will of the founder of the competition governs the committee in the selection of subjects and in the consideration of essays:

"No subjects shall be selected for competitive writing or investigation and no essay shall be considered which in any way advocates or defends the spoliation of property under form or process of law; or the restriction of commerce in times of peace by legislation, except for moral or sanitary purposes; or the enactment of usury laws; or the impairment of contracts by the debasement of coin; or the issue and use by Government of irredeemable notes or promises to pay intended to be used as currency and as a substitute for money; or which defends the endowment

of such 'paper', 'notes', and 'promises to pay' with the legal tender quality."

The subject for the competition for the prize of 1910 will be announced during the winter of 1909. President Garfield will furnish competitors with the titles of authorities on the subject, on application.

The essays in the competition must be sent by March 15, 1910, to President Harry A. Garfield, Williamstown, Mass., to whom all communications should be addressed.

The competition for the prize of 1909, with the qualifications already stated, is open to the members of the classes of 1906, 1907, 1908, and 1909.

#### FRANKLIN STORY CONANT PRIZE IN BIOLOGY

This prize, which yields twenty-five dollars annually, has been founded by the class of 1893, in memory of their deceased classmate, whose name it bears. The award of this prize is made upon the recommendation of the Professor of Natural History, to that member of the Senior class, who, in his judgment, is best fitted to profit by advanced biological study. The money thus awarded will be used to pay the tuition fee of such student at the Marine Biological Laboratory, Woods Holl.

#### GREEK PRIZES

The sum of one hundred dollars, contributed annually, for the present, by Eugene Delano, Esq., of the class of 1866, is awarded in three prizes of fifty, thirty, and twenty dollars respectively, to the members of the Junior class who have shown the greatest excellence in the Greek studies of the Sophomore and Junior years.

#### DEBATING PRIZES

Through the generosity of an alumnus of the college, three prizes, one of twenty-five dollars, one of fifteen, and



one of ten, are awarded to three contestants in both the Dartmouth and Wesleyan preliminary debates. These prizes are awarded as follows: first, to the contestant who in the debate excels all other contestants; second, to the contestant who ranks second in excellence; and third, to the best of those contestants that do not secure appointment to the college debating team.

#### CANBY ATHLETIC SCHOLARSHIP PRIZE

A prize of fifty dollars, established by W. Marriot Canby, Jr., of the class of 1891, may be awarded at Commencement to that member of the Senior class who shall have attained the highest average standing in scholarship during his course, and who shall have fulfilled the requirements of eligibility.

Any member of the Senior class who has been in college since the beginning of his Junior year, and who, at any time during his college course, has represented the college in any recognized intercollegiate contest, shall be eligible.

#### PHILADELPHIA ALUMNI CUP

By the gift of Messrs. Felton Bent, Francis W. Rawle, and Henry D. Riley, of the class of 1895, a cup, to be known as the Philadelphia Alumni Cup, will be awarded annually on the thirtieth day of May to that member of the Freshman class who, in the opinion of the Athletic Council and the Faculty, or a committee thereof, shall have shown during his first full year in college the most marked progress in those branches of athletics that now are and hereafter may be prescribed by the Faculty as courses to be taken by the Freshman class. It is further required that the recipient of the cup shall have maintained during his first year an average of at least seventy per cent in his other college work.

#### PHI BETA KAPPA

There are at present seventy-one chapters of Phi Beta

Kappa located at various colleges and universities, and high scholarship is always an essential requirement for admission to the fraternity. The Williams, or Gamma of Massachusetts, chapter was established July 21, 1864.

On the second Saturday after the close of the semi-annual examinations in February, a number not exceeding one twelfth of the whole number of the Senior class is elected to membership. Also, after the final examinations of the Senior year a twelfth of the remaining members of the Senior class is elected to membership. Almost without exception, the twelfth having the highest standing in the class is chosen.

## HONORS

At the end of each college year the Faculty will award honors for high scholarship. These honors will be of two grades; viz., "honors" and "highest honors." The names of the recipients will be read at the Commencement exercises and printed in a pamphlet, which will be sent to the recipients, their parents, the Trustees, and the Faculty; and the names of the recipients will also be printed in the next annual catalogue. The names of Seniors taking honors may also be printed on the Commencement program.

The award will be made in accordance with the following conditions.

### FRESHMAN, SOPHOMORE, JUNIOR, AND SENIOR CLASS HONORS

"Class honors" thus designated will be awarded at the end of each year to the students in each class who shall have attained the grade A in courses amounting to at least twenty-four semester-hours in that year, and shall have fallen below the grade B in none; and "highest class honors" will be awarded to those students in each class who shall have attained the grade A in all their courses, provided the same amount to at least thirty semester-hours.

## FINAL HONORS

*A General Final Honors*

"General final honors" will be awarded to those students who shall have attained the grade A in at least half the hours of their entire course, and fallen below the grade B in none; and "highest general final honors" will be awarded to those who shall have attained the grade A in all the courses taken by them in college.

*B Final Honors in Special Fields*

"Final honors" will be awarded at graduation in any "major" subject of study, as designated on p. 48 of the catalogue, to any student who shall have attained the grade A in all the courses making up his "major."

## LYCEUM OF NATURAL HISTORY

This organization was founded in 1835, and is maintained by the students of the college in connection with the department of Biology. Regular meetings are held at which reports are presented by the members or by visiting biologists.

A fund established by the late William J. Walker equips expeditions, organized for the purpose of making collections and of study, at more or less distant points. This fund, which, by the terms of the gift, is awarded every fourth year, will be next available in the summer of 1912, for the encouragement of biological research at the Marine Biological Laboratory, Woods Holl, Mass.

## CLASSICAL SOCIETY

The Classical Society, formed of instructors and students in the elective Latin and Greek courses, has for its object the increase of interest in the study of the classics. It holds regular meetings in the College Library for the reading of classical authors, for the discussion of papers, and for

reports in the fields of Greek and Latin philology and archæology.

### ART ASSOCIATION

The Williams Art Association, an organization of the students, under the direction of Professor Rice, provides occasional lectures and exhibitions during the autumn and winter terms. The material has been provided largely by gifts of alumni and friends, who show their interest in this feature of college life by contributions to the support of the courses in the history of art. Room No. 13 in the Hopkins Memorial Building has been fitted up for exhibiting and storing the photographs, prints, and other illustrations purchased since the founding of the association.

### LIBRARY ART COLLECTION

A valuable collection of paintings, bas-reliefs, Etruscan vases, and Peruvian pottery, the gift of the late Mrs. John W. Field, of Philadelphia, is on exhibition in the Library.

The gift of suitable works of art is solicited by the Trustees of the college, subject to approval by a committee of their number.

### THOMPSON COURSE OF ENTERTAINMENTS

This course, which for many years was sustained by the liberality of the late F. F. Thompson, Esq., of New York City, provided concerts and other entertainments during the winter. Mrs. Thompson has generously offered to continue the course for the current year.

Last year entertainments were given by: Leland T. Powers, the Adamowski Trio, The Kneisel Quartette, Katherine Goodson, Beatrice Herford, and others.

### FIELD SPORTS

The smaller athletic fields near the college buildings afford practice in lawn-tennis and baseball, while the large

Weston Field, the gift of the late Hon. Byron Weston, of Dalton, affords opportunity for baseball, football, and track athletics. The golf links of the Taconic Club is open, on moderate terms, to student players.

## SCHOLARSHIPS

### THE HORACE F. CLARK PRIZE SCHOLARSHIP

The Horace F. Clark Prize Scholarship, in honor of Horace F. Clark, Esq., of the class of 1833, has been established under the provisions of the will of Madame Marie Louise Souberbeille, his daughter, and the income will be awarded as follows:

(1) *For the Freshman year* \$200, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who upon admission to the college shall have passed a better examination than any other such member of the class.

The competition for this prize is open to all students who enter by examination taken under the auspices of the college or those of the College Entrance Examination Board, and completed in June or September of the year of admission.

(2) *For the Sophomore year* \$200, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who shall pass the best examination on certain subjects supplementary to and connected with the regular studies of the course, the sum to be paid at the end of the Sophomore year.

(3) *For the Junior year* \$200, to be awarded to the member of the class regularly and faithfully participating in and duly completing the exercises and duties of that year, who shall pass the best examination on certain subjects supplementary to and connected with the regular

studies of the course, the sum to be paid at the end of the Junior year.

(4) *For the Senior year* \$400, to be awarded to the member of the class regularly and faithfully participating in and duly completing the duties of that year, who shall pass the best examination on certain subjects supplementary to and connected with the regular studies of the course, and shall engage to pursue in residence for one year at some academic or scientific institution a course of graduate study (non-professional) to be approved by the Faculty, the sum to be paid one-half at the end of the Senior year and one-half at the close of such year of graduate study. Such graduate student must register his name, address, and course of study with the Secretary of the Faculty not later than the first of November, and must pass a satisfactory examination upon the work assigned. This examination will be held in Williamstown in June.

This scholarship may be withheld whenever, in the judgment of the committee, the result of the competition, in any class, does not justify its award.

The subjects for the examination for the candidates from the Sophomore, Junior, and Senior classes are to be a major and a minor subject chosen from different departments of study. Such subjects must be submitted by the first of November each year to a committee of the Faculty, consisting for the present year of Professors Hewitt, Kellogg, and Hardy. The examination upon the minor subject will be held during the second week in January and that on the major subject in June. The assignment in a major subject is expected to be as nearly as possible equal to the amount of work covered in a course occupying two hours a week for a year, and the assignment in a minor subject is expected to be equivalent to the work of a course occupying one hour a week for a year.

#### HONOR SCHOLARSHIPS

Several "Honor Scholarships" have been founded by

alumni and friends of the college in order to afford pecuniary aid and to recognize successful scholarship. But under the present system all scholarships are considered "honor scholarships," and therefore these special "Honor Scholarships," five in number, are now merged in the general list in accordance with previous announcements.

#### GENERAL SCHOLARSHIPS

The income from the endowments included in the appended list, amounting to about \$11,000 annually, is distributed, by direction of the Trustees, to those students who are known to need aid. This is given in scholarships to candidates for the bachelor's degree.

The regulations are as follows:

1 Applications must be made in advance to the Committee on Scholarships upon forms provided by the Dean. All scholarships lapse at the close of the college year. Application for renewal, including a complete statement of income and expenditure for the year preceding, must be filed before July 1st upon forms provided by the Committee.

2 All promises of scholarships to students before their admission are provisional. If conditions or deficiencies are standing against the candidate when the college year opens, his scholarship may thereby be forfeited. Scholarships are not assigned to students registering in Group VI.

3 Freshmen and Sophomores are expected to carry sixteen hours of college work per week, and Juniors and Seniors fifteen hours per week. A student having less than this number of hours to his credit at the beginning of any semester ordinarily forfeits his scholarship.

4 The stipend for Freshmen is uniformly fifty-seven and one-half dollars for the first semester. For each semester of the course after the first, the stipends range from fifty-seven and one-half to eighty-seven and one-half dollars.

A regrading of the stipends will be made at the beginning of each semester, on the basis of the averages for the previous semester, according to the following scale:

Group 1	Upper grade A,	(95 per cent or over)	\$87.50	per semester
" 2	Lower " "	(92 to 95 per cent)	80.00	" "
" 3	Upper " B	(87 to 92 " " )	72.50	" "
" 4	Lower " "	(82 to 87 " " )	65.00	" "
" 5	Grade C,	(70 to 82 " " )	57.50	" "

5 A Freshman who fails to reach an average of sixty-five per cent in his studies for either semester will lose his scholarship for the following semester.

6 After the Freshman year, a student who fails to reach an average of seventy per cent, or grade C, will lose his scholarship for the following semester.

7 Any one of the following causes may prevent the consideration of an application, or cause the forfeiture of a scholarship already awarded:

(a) Evidence satisfactory to the committee that the scholarship is not needed,

(b) Any serious misconduct,

(c) Indulgence in intoxicating liquors,

(d) Expensive habits. Holders of scholarships must satisfy the committee that they are exercising strict economy in respect to lodgings, board, and general living expenses.

8 A scholarship may be restored after a lapse of a semester, if the cause of forfeiture has been removed.

Lists of all holders of scholarships, except Freshmen, are printed in the Catalogue in groups according to grades.



## REVISED LIST OF SCHOLARSHIP FUNDS

The Henry Titus Morgan Fund, 1883.....	\$81,893.82
The John C. Baldwin Fund, 1871.....	27,915.14
The William Hilton Fund, 1897, 1899.....	22,553.66
The Alumni Scholarship Fund, 1870.....	10,000.00
The Mrs. Abby Burrall Mills Fund, 1876.....	8,300.00
The Massachusetts Fund, 1869.....	7,500.00
The Woodbridge Little Fund, 1811, 1813.....	6,000.00
The Moses Day Fund, 1880.....	5,000.00
The Thomas Thornton Read Permanent Fund, 1888.....	4,965.75
The three Commonwealth Scholarships, 1861.....	4,500.00
The Horace Nathaniel Pennoyer Scholarship, 1895.....	3,500.00
The Francis Henshaw Dewey Scholarship, 1888.....	3,000.00
The Henshaw Scholarship, 1888.....	3,000.00
The Joseph White Memorial Scholarship, 1903.....	3,000.00
The Thomas Thornton Read Scholarship, 1875.....	2,500.00
The Scholarship of the Class of 1851, 1872.....	2,500.00
The Scholarship of the Class of 1852, 1873.....	2,500.00
The Mrs. Louisa F. Bartlett Scholarship, 1874.....	2,500.00
The Homer Bartlett Scholarship, 1861, 1874.....	2,500.00
The William Hyde Scholarship, 1869, 1875.....	2,500.00
The Mrs. William Hyde Scholarship, 1880.....	2,500.00
The Orrin Sage Scholarship, 1853, 1875.....	2,500.00
The Miss Sarah Ruth Sage Scholarship, 1880.....	2,500.00
The Hancock Scholarship, 1875.....	2,500.00
The Olin White Geer Memorial Scholarship, 1884.....	2,500.00
The Paul Ansel Chadbourne Scholarship, 1889.....	2,500.00
The Charles Henry Thomson Scholarship, 1871.....	2,500.00
The James Ruthven Adriance Memorial Scholarship, 1880.....	2,500.00
The Samuel Dennis Warren Scholarship, 1870.....	2,500.00
The Charles Franklin Gilson Scholarship, 1881.....	2,500.00
The Scholarship of the Class of 1867, 1878, 1898.....	2,500.00
The Scholarship of the Class of 1862, 1868, 1902.....	2,500.00
The Ephraim Flint Scholarship, 1904.....	2,500.00
The Abraham Lansing Scholarship, 1906.....	2,500.00
The Henry P. Brush Scholarship, 1885.....	2,375.00
The Amos Lawrence Scholarships, 1847.....	2,000.00
The Charles Augustus Dewey Scholarship, 1866, 1870.....	1,500.00
The Charles A. Jessup Scholarship, 1879.....	1,000.00
The Mrs. Robert Means Fund, 1857.....	1,000.00
The Abraham Baldwin Olin Scholarship, 1866.....	1,000.00
The George H. Rosseter Scholarship, 1873.....	1,000.00
The Newton Henry Rosseter Scholarship, 1870.....	1,000.00

The Mrs. Charlotte Cone Scholarship, 1836.....	1,000.00
The Charles Stoddard Scholarship, 1866.....	1,000.00
The Emory Washburn Scholarship, 1877.....	1,000.00
The Mrs. Sarah Woodhull Arms Scholarship, 1877.....	1,000.00
The Cyrus Taggart Mills Scholarship, 1886.....	1,000.00
The Michael Edward Driscoll Fund, 1896.....	1,000.00
The George Anderson Scholarship, 1906.....	1,000.00
The Col. Henry Root Scholarship Fund, 1907.....	1,000.00
The Benjamin Howard Fund 1902.....	952.50
The Ezra Starkweather Fund, 1835.....	943.60
The Franklin Marcellus Olds Fund, 1886.....	700.00
The Charles Merriam Scholarship, 1860.....	550.00
The J. Barker and Brothers Scholarship, 1856.....	500.00
The W. W. Mason Scholarship, 1856.....	500.00
The B. F. Bancroft Scholarship, 1856.....	500.00
The Bela Peck Williams Scholarship, 1859.....	500.00
The Thomas W. Williams Scholarship, 1859.....	500.00
The John Tatlock, Jr. Fund, 1892.....	500.00
The Charles Andrews Heath Fund, 1897.....	500.00
The John Dudley Hardy Fund, 1902.....	500.00
The Ira Jewett Geer Fund, 1902.....	500.00
The Fund of the Class of 1840.....	500.00
The Fund of the Class of 1857.....	500.00
The Fund of the Class of 1860.....	450.00
The Funds of six other Classes.....	337.00
The Frank Benjamin Yates Fund, 1897.....	300.00
The Mrs. Betsey Barnes Fund, 1879.....	300.00
The Fund of the Class of 1848.....	300.00
The Fund of the Class of 1847.....	200.00
Total.....	<u>\$270,536.47</u>

The use of the income of the bequest of the late Henry Titus Morgan, in assisting young men to secure an education, is in accordance with the preference expressed, though not made mandatory, in his will. By vote of the Trustees the income is used, so far as may be necessary, to provide Henry Titus Morgan Scholarships for the Freshman class. The income of \$6,000, the gift of Ebenezer R. Goodnow, and the income of \$10,000, the gift of a friend, will also ultimately be devoted to scholarships.

The Horace F. Clark Prize Scholarship Fund of \$20,000 is not a part of the General Scholarship Fund, its income being distributed as prizes to all successful competitors without regard to their pecuniary circumstances, as is explained on page 107.

## EXPENSES

## TREASURER'S BILLS

Tuition, \$70 per semester.....	\$140.00	\$140.00
Room rent, \$18 to \$80 per semester.....	36.00	160.00
	<u>\$176.00</u>	<u>300.00</u>

The following is an estimate of the necessary expenses for the college year:

Board, \$4.00 to \$6 per week, for 36 weeks.....	\$144.00	\$216.00
Washing.....	15.00	20.00
Light.....	2.00	20.00
	<u>\$161.00</u>	<u>\$256.00</u>
Total, from.....	<u>337.00</u>	to <u>556.00</u>

In addition to these items a fee is charged for the use of apparatus and materials in connection with the following courses:

Art 1, Art 2, Art 3.....	Each \$3.00
Biology 2	10.00
Biology 3	10.00
Botany	3.00
Chemistry 1	3.00
Chemistry 2	10.00 and breakage
Chemistry 3	10.00 " "
Chemistry 5	5.00 " "
Chemistry 6	5.00 " "
Geology 2	3.00
Physics 1	3.00
Physics 2	10.00
Physics 3	10.00

All fees mentioned in this paragraph are paid directly to the respective departments at the beginning of each term.

An additional charge of \$10.00 is made on the last term bill of the Seniors to cover expenses of graduation.

Every student's bill is mailed to him at the beginning of each semester, and he is held responsible for prompt payment, which is required in advance. In case any student fails to pay by the end of the second week after the date of the bill, he may be excluded from all college exercises. No part of a term bill will be refunded for any cause.

To the above items must be added the expense of furnishing a room, cost of text-books, and incidentals. The amount of incidental expenses depends very much on the habits of the student.

Special damage done to College property by students will be charged to them.

Those who enter on an advanced standing, unless they come from another college, pay the following sums as entrance fees, viz.: Sophomore, \$10; Juniors, \$20; Seniors, \$30. This rule is applicable also to partial-course students.

### COLLEGE ROOMS

The college has eight buildings used as dormitories. There are three triple rooms, one hundred and twenty-three double rooms and thirty-four single rooms. These accommodate about three hundred students. The rooms are heated from a central heating plant. Each man provides his own light. Each building has bath-room and toilet conveniences.

For these rooms with heat and conveniences, fifty-eight men pay thirty-six dollars a year (one dollar a week), one hundred and thirty-four men pay from forty to ninety dollars a year, ninety-four men pay from ninety to one hundred and sixty dollars a year. The rooms with the higher charges have full janitor service. Students receiving bene-

ficiary aid are expected to room in the cheaper dormitories. Necessary repairs are made by the college but all additional work is at the expense of those who occupy the rooms.

There are three methods of securing rooms: by occupancy, by lot, and by application.

1 Up to May 1st of each year the two occupants of any room may retain their room for the ensuing college year by renewing their applications and paying half of the yearly charge. One student may hold his half of a double room by securing a room-mate from his own class or from an upper class.

2 The rooms not thus re-engaged are offered to the college classes in the order of seniority. The choice in each class is determined by lot, but no choice is allowed except to two members of the same class who wish to room together. The members of the coming Senior Class who wish to occupy college rooms will meet in No. 4, Hopkins Hall, at two o'clock on the afternoon of the first half-holiday in May and draw lots for choice of rooms. The members of the coming Junior Class will do the same on the second half-holiday in May, at the same place and hour. The members of the coming Sophomore Class will do the same on the third half-holiday in May, at the same place and hour.

3 All rooms not taken by the men in college are open to the entering class in the order of application. This application does not constitute a promise on either part, but it gives the applicant an opportunity to select a room if, when the time of choice comes, there is any room open that he desires. An early application is wise. If he wishes a double room he must select his own room-mate or take the next man on the application list.

To secure a room the applicant must sign the following paper:—

The undersigned hereby applies for the assignment to him of one-half of Room No. .... in ..... for the college year

19 -19 , subject to all the published room regulations, and for his personal use and occupancy as a student, and agrees to pay therefor as a part of the annual charges during said year against the undersigned as a student the sum of \$.....payable in half-yearly payments. The first half-yearly payment shall be payable when the assignment is made and no part thereof shall be refunded under any circumstances.

The payment of one half of the yearly charge when the assignment is made is required of all who take college rooms, both those already members of the college and those intending to enter.

The man who signs for a room must occupy it himself; he cannot transfer it. No double room is secured till both applications are on file with the Registrar. Each occupant of a college room is held responsible for all damage done to his room.

Students who leave college at the end of the college year, as well as those who are to change from one room to another, or from a college room to a private house or a society house, must remove all furniture and other property from their rooms immediately after Commencement. Furniture not thus removed by the owner will be removed by the college employees and stored at the owner's expense. This expense will be collected of students who leave college when the property is taken away, but in cases of other students it will be charged in the next term bill. The furniture left by the graduating class is sold at reduced rates. Second-hand text-books are also on sale in the village. All things sent for the students during vacation should be sent in the care of the Superintendent of Buildings.

Those students who, from choice or necessity, room in town can obtain rooms at prices somewhat higher than the rates charged in college.

Copies of the college Bulletin, descriptive lists and price lists of rooms and general information may be obtained on application to the Registrar.

## PRIZES AWARDED AT COMMENCEMENT 1908

## THE BENEDICT PRIZES

*In Latin*

FIRST PRIZE—Clarence Orman Hicks.....	Class of 1910
SECOND PRIZE—Charlie Mead Benham.....	" " 1910
HONORABLE MENTION—Harold George Thompson.....	" " 1910

*In Greek*

FIRST PRIZE—Clarence Orman Hicks.....	Class of 1910
SECOND PRIZE—Equally divided between Charlie Mead Benham and Hubert William Fowle...	" " 1910
HONORABLE MENTION—Rowland Sloan Hill.....	" " 1910

*In French*

FIRST PRIZE—Henry James Young.....	Class of 1909
SECOND PRIZE—Ralph Stratton Wolcott.....	" " 1909
HONORABLE MENTION—Hubert William Fowle.....	" " 1910

*In German*

FIRST PRIZE—Benjamin Floyd McGuckin.....	Class of 1908
SECOND PRIZE—Maynard Thompson Hazen.....	" " 1908
HONORABLE MENTION—Frederick John Vincent Hancox and Charlie Mead Benham.....	" " 1908

*In Mathematics*

FIRST PRIZE—Samuel Wolcott Clausen.....	Class of 1910
SECOND PRIZE—Russell Mowen.....	" " 1910
HONORABLE MENTION—Thomas Freeman Tarbell.....	" " 1910

*In Natural History*

FIRST PRIZE—Carl Wheeler Rand.....	Class of 1908
SECOND PRIZE—Brinton Paine Allen.....	" " 1908

*In History*

FIRST PRIZE—Sumner Ford.....	Class of 1908
SECOND PRIZE—James Watters.....	" " 1908
HONORABLE MENTION—Bernard Westermann.....	" " 1908

## PRIZE FOR PRIZES

Bernard Westermann.....	Class of 1908
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## WILLIAMS COLLEGE

## THE GRAVES PRIZES

*For Essays—Class of 1908*

Otto Bacmeister	Albert Jay Hill, Jr.
George Tilman Colman	Hallett Johnson
Maynard Thompson Hasen	Bernard Westermann

*For Excellence in Delivery*

Bernard Westermann

## THE RHETORICAL PRIZES

*General Prize*

Ernest Hosmer Wood.....Class of 1909

*Junior Prizes*

FIRST PRIZE—Francis Bowes Sayre.....Class of 1909

SECOND PRIZE—Willis Monroe Menard.....“ “ 1909

*Sophomore Prizes*

FIRST PRIZE—Philo Clarke Calhoun.....Class of 1910

SECOND PRIZE—Frank Nicholls Dealy.....“ “

## THE VAN VECHTEN PRIZE

*For Extemporaneous Speaking*Equally divided between John Leonard Cole.....Class of 1908  
and Walter Atherton Fullerton.....“ “ “

## THE DEBATING PRIZES

*Dartmouth Preliminaries*

FIRST PRIZE—Equally divided between Carroll Everts

Robb and Henry Walcott Toll.....Class of 1909

SECOND PRIZE—Morris Leopold Ernst.....“ “ “

THIRD PRIZE—Harry Harvey Pike.....“ “ “

*Wesleyan Preliminaries*

FIRST PRIZE—Carroll Everts Robb.....Class of 1909

SECOND PRIZE—Henry Walcott Toll.....“ “ “

THIRD PRIZE—Charles William Robison.....“ “ 1911



THE DEWEY PRIZE

*For Excellence in Commencement Exercises*

Carl Wheeler Rand.....Class of 1908

THE RICE PRIZES

*In Latin*

FIRST PRIZE—Albert Jay Hill, Jr.....Class of 1908

SECOND PRIZE—Perley Wolcott Aldrich.....“ “ “

HONORABLE MENTION—Alfred Ludlum Deyo.....“ “ “

*In Greek*

FIRST PRIZE—Harold Fuller Reed.....Class of 1908

SECOND PRIZE—Alfred Ludlum Deyo.....“ “ “

HONORABLE MENTION—Noble Wyman Sheldon.....“ “ “

and James Watters.....“ “ “

BOOK PRIZES FROM THE RICE FUND

Charles Russell Brewer.....Class of 1910

Norman Kingsley Butler.....“ “ 1909

Frederick Van Cleve Cole.....“ “ 1910

Rowland Sloan Hill.....“ “ “

Lars Sellstedt Potter.....“ “ “

Harold George Thompson.....“ “ “

THE DELANO PRIZES IN GREEK

FIRST PRIZE—Bert Clarence Cate.....Class of 1909

SECOND AND THIRD PRIZES—Equally divided between

Willis Monroe Menard, Herbert Dewey Moon, and

Raymond Waite.....“ “ “

THE CANBY ATHLETIC PRIZE

James A. Bullard.....Class of 1908

THE HORACE FRANCIS CLARK PRIZE SCHOLARSHIP

*Senior and Graduate*

Albert Jay Hill, Jr.....Class of 1908

*Junior*

Sidney Douglass Palmer.....Class of 1909

**WILLIAMS COLLEGE***Sophomore*

Charlie Mead Benham.....Class of 1910

*Freshman*

Not Awarded

**THE LATHERS GOLD METAL**

Not Awarded

**THE DAVID AMES WELLS PRIZE**

Not Awarded

HONORS AWARDED AT COMMENCEMENT, 1908

CLASS HONORS

*Senior Honors*

James Leonard Crittenden  
Frederick John Vincent Hancox

*Sophomore Honors*

Hubert William Fowle  
Clarence Orman Hicks

*Freshman Honors*

Edward Leonard Bacher  
Sterling Power Lamprecht

GENERAL FINAL HONORS—CLASS OF 1908

Otto Bacmeister  
Frederick John Vincent Hancox

FINAL HONORS IN SPECIAL FIELDS—CLASS OF 1908

James Atkins Bullard *Mathematics*  
James Leonard Crittenden *Chemistry, Mathematics, Physics*  
Alfred Ludlum Deyo *Greek, Latin*  
Elmer Philip Groben *English*  
Frederick John Vincent Hancox *English*  
Maynard Thompson Hazen *German*  
Albert Jay Hill, Jr. *English*  
Carl Wheeler Rand *Biology*  
William Overton Winston, Jr. *Mathematics*

## HOLDERS OF SCHOLARSHIPS

## SENIORS, JUNIORS, AND SOPHOMORES, CLASSES OF

1909, 1910, AND 1911

The following list of holders of scholarships is considered an "honor list." It includes the names of none who have not been in college for at least a year, and of none who failed to reach at least the grade of C for the last semester. It therefore excludes the names of all Freshmen and other new students, though they may be receiving the pecuniary advantages of scholarships.

It excludes also the names of a few students who hold scholarships by special vote of the Trustees.

The list is based on the average of the last semester, as explained in section 4 on page 109.

A few scholarships are dependent upon local considerations, or personal nomination. Incumbents of such scholarships are placed in the groups which correspond to their standing, without regard to the actual value of the scholarships which they hold.

## GROUP I

1910

Clarence Orman Hicks

## GROUP II

1911

Edward Leonard Bacher

## GROUP III

1909

Leslie Lee Bottsford  
Bert Clarence Cate  
Roger Sherman Loomis  
Frederick Merchant Myers

1910

Richard Orcutt Bailey  
Hubert William Fowle  
Harold George Thompson

1911

Abbot Paige Mills  
Le Roy Parker Ogden  
Ernest Roland Preston

**GROUP IV**

**1909**

**Clyde Coleman  
William Roy Gallup  
Benjamin Stuart Gutelius  
Willis Monroe Menard  
Herbert Dewey Moon  
Robert Edmund Sears  
Frank Ward Strong  
Ralph Stratton Wolcott  
Ernest Hosmer Wood**

**1910**

**John Robert Hamilton  
William Harold Hosford  
Charles Henry Welsby**

**GROUP V**

**1909**

**Wesley Franklin Coney  
William Henry Hoch  
Mahlon Ernest Hopkins  
Henry James Post  
Paul Rowland  
Warren Moulton Spann  
Theodore Clute Thompson  
Henry James Young**

**1910**

**Raymond Noyes Crawford  
Rowland Sloan Hill  
Leon Sherman Pratt  
Norris George Wood**

**1911**

**Clarence Tupper Butler  
Frank Speir Coan  
Allan Munro Eldridge  
Floyd Irwin Newton  
John Virgil Parker  
Charles Walter St. Denis  
Henry Percy Shearman**

## APPOINTMENTS FOR COMMENCEMENT

CLASS OF 1908

## PHILOSOPHICAL ORATIONS

*First Class*

Otto Baumeister

Frederick John Vincent Hancock (*Valedictorian*)*Second Class*

James Atkins Bullard

James Leonard Crittenden

Sumner Ford

## ORATIONS

Maynard Thompson Hazen

Carl Wheeler Rand

## DISSERTATIONS

*First Class*

Perley Walcott Aldrich

Elmer Philip Groben

George Tilden Colman

Albert Jay Hill, Jr.

Alfred Ludlum Deyo

Samuel J. Thompson

Walter Atherton Fullerton

James Watters

William Overton Winston

*Second Class*

John Leonard Cole

Luther Richardson Fowle

Roy Stanley Corwin

Jonathan Edwards Loughridge

David Burnet Scott

## DEGREES CONFERRED IN 1908

## DEGREES IN COURSE

## BACHELOR OF ARTS

Perley Walcott Aldrich	Lindsay Duncan Holmes
Atkinson Allen	Harry Miner Ives
Brinton Paine Allen	Hallett Johnson
Eliot Doremus Atwater	George Herbert Kelley
Abram Edgar Aub	Walter Maurice Lacey
Otto Bacmeister	Harold Hawkins LaMent
Henry Edward Bedford, Jr.	Jonathan Edwards Loughridge
George Remington Bonner	George Pleasants Lynde
Francis Edwin Bowker, Jr.	William Smith McClellan
Downing Potter Brown	Benjamin Floyd McGuckin
James Atkins Bullard	Richard Henry McIntyre, Jr.
John Kenneth Byard	Nathaniel Mills
Samuel Neil Campbell	James Burch Murray
Eugene Augustine Clark	Gerald Mygatt
John Leonard Cole	Clarence Bennett Osterhout
George Tilden Colman	George Stephen Parker
Roy Stanley Corwin	Carl Ellsworth Parsons
James Leonard Crittenden	Harold Conant Payson
Alfred Ludlum Deyo	Charles Andrew Pusey
William Wiles Elder	Carl Wheeler Rand
Philip Dwyer Elliot	Harold Fuller Reed
Harold Chamberlain Fenno	Charles Dwight Reid, Jr.
John Herman Fischer	Richard Bradley Rising
Milton Albert Fischer	Vincent Grant Roberts
Hiram Wilson Fischer	William Henry Sawyer, Jr.
Allen Miller Fletcher, Jr.	William Hendrix Scarritt
Joseph Chandler Ford, Jr.	Walter W. Scofield, Jr.
Sumner Ford	David Burnett Scott
Luther Richardson Fowle	Noble Wyman Sheldon
Walter Atherton Fullerton	William Ernest Slattery
Arthur Norton Gadsby	Francis Joseph Sleeper
Ezra Kendall Gillett	Bayard Breeze Snowden
John Lister Goodbody	Willmore Besexter Stone, Jr.
Harold Hull Griswold	James Michael Stower
Elmer Philip Groben	Samuel J. Thompson
Frederick John Vincent Hancox	Telford King Thompson
Richard Jerome Harman	Timothy Oakley Van Allen
Edward Pollock Harriott	Harold Frederick Walker

Maynard Thompson Hasen	James Watters
Albert Jay Hill, Jr.	Ora Sears Webster
Henry Stanley Hillyer	Bernard Westermann
George Edgar Hite, 2nd	William Overton Winston, Jr
Russell Valentine Hobson	John Woodcock
Raymond Carleton Hodgkinson	Kenneth Noble Woodward

Hugh Pomeroy Blackinton, as of the Class of 1887  
 Robert Roger Noble, as of the Class of 1861

#### MASTER OF ARTS

Wilson Scott Boice, Class of 1907  
 William Mansfield Clark, Class of 1907  
 Marion Green Cole, Class of 1900  
 William Adams Dayton, Jr., Class of 1905  
 Leverett Burnham Mears, Class of 1906  
 Henry James Spencer, Syracuse, 1907

#### HONORARY DEGREES

*Conferred at Commencement*

#### MASTER OF ARTS

Charles Henry Burr

#### DOCTOR OF DIVINITY

George Carl Fitch Bratenahl  
 Edward Dudley Tibbits

#### DOCTOR OF LAWS

John Huston Finley  
 Horace Porter



**HONORARY DEGREES**

*Conferred at the Induction of President Garfield*

**DOCTOR OF HUMANE LETTERS**

Henry Pitt Warren  
Arthur Irving Fiske

**DOCTOR OF DIVINITY**

Francis Brown

**DOCTOR OF LAWS**

Jacob Gould Schurman  
Charles Richard Van Hise  
George Harris  
Edwin Anderson Alderman  
Nicholas Murray Butler  
Woodrow Wilson  
Arthur Twining Hadley  
Abbott Lawrence Lowell  
James Bryce  
Curtis Guild, Jr.

## STUDENTS

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### CANDIDATES (IN RESIDENCE) FOR THE DEGREE OF MASTER OF ARTS

George Tilden Colman, B.A., 1908, Buffalo, N. Y.

*Philosophy      Greek*

Roy Stanley Corwin, B.A., 1908, Riverhead, N. Y.

*Geology      Biology*

Morris Leopold Ernst, 1909, New York City

*English      History*

Albert Jay Hill, Jr., B.A., 1908, Medina, N. Y.

*English      Latin*

Russell Valentine Hobson, B.A., 1908, Wallingford, Conn.

*Government      English*

Noble Wyman Sheldon, B.A., 1908, Westfield, Mass.

*English      Greek*

## SENIORS—CLASS OF 1909

John Frederick Bargfrede	<i>Pearl River, N. Y.</i>	Δ. Y. House
Leslie Lee Bottsford	<i>Moscow, N. Y.</i>	A. Z. A. House
Clarence Fayette Brown	<i>Montclair, N. J.</i>	A. Δ. Φ. House
William Alvord Burke	<i>Williamstown</i>	St. Anthony Hall
Norman Kingsley Butler	<i>Buffalo, N. Y.</i>	14 M. H.
Winthrop Parkhurst Buttrick	<i>Lowell</i>	St. Anthony Hall
John Howe Carlisle	<i>Passaic, N. J.</i>	K. A. Lodge
Bert Clarence Cate	<i>Warsaw, N. Y.</i>	10 B. H.
Clyde Coleman	<i>Victoria, Ill.</i>	9 B. H.
Wesley Franklin Coney	<i>Ware</i>	Δ. Y. House
Francis Henshaw Dewey, Jr.	<i>Worcester</i>	K. A. Lodge
Howard Saunier Dodd	<i>Glen Ridge, N. J.</i>	12 M. H.
Payson Stone Douglass	<i>Orange, N. J.</i>	Σ. Φ. Place
George Engelhard	<i>Evanston, Ill.</i>	Δ. K. E. House
Morris Leopold Ernst	<i>New York City</i>	A. Z. A. House
Richard Henderson Eurich	<i>Montclair, N. J.</i>	10 M. H.
Harry Linn Fisher	<i>Weehawken, N. J.</i>	27 B. H.
Donald Murray Forgan	<i>Chicago, Ill.</i>	Σ. Φ. Place
William Roy Gallup	<i>Victor, N. Y.</i>	Φ. Σ. K. House
Willard Ansley Gibson	<i>Salamanca, N. Y.</i>	Φ. Δ. Θ. House
Lawrence Samuel Greenbaum	<i>New York City</i>	Spring St.
Benjamin Stuart Gutelius	<i>Moscow, N. Y.</i>	A. Z. A. House
Dewitt Lawrence Gutman	<i>New York City</i>	5 B. H.
Levant Mason Hall	<i>Jamestown, N. Y.</i>	Δ. Y. House
Frank Myers Hamilton	<i>Buffalo, N. Y.</i>	12 M. H.
Percy Waters Hammond	<i>Atlanta, Ga.</i>	11 M. H.
Joseph Osgood Hanson	<i>Chicago, Ill.</i>	Δ. K. E. House
Henry William Harter, Jr.	<i>Canton, O.</i>	Θ. Δ. X. House
Everett Luce Hazelton	<i>Portland, Me.</i>	X. Ψ. Lodge
William Henry Hoch	<i>Worcester</i>	Z. Ψ. House
Mahlon Ernest Hopkins	<i>Victor, N. Y.</i>	Φ. Σ. K. House
Gilbert Horrax	<i>Montclair, N. J.</i>	Φ. Δ. Θ. House
Kenneth Jenkins Howe	<i>Mount Vernon, N. Y.</i>	Z. Ψ. House
Guy Ransome Jenkins, 2nd	<i>Montclair, N. J.</i>	Δ. K. E. House
Henry Rust Johnston	<i>Chicago, Ill.</i>	Δ. K. E. House
Kenyon Arthur Keith	<i>Minneapolis, Minn.</i>	X. Ψ. Lodge
Eldred Klauser	<i>Milwaukee, Wis.</i>	St. Anthony Hall
Virgil Polk Kline, Jr.	<i>Cleveland, O.</i>	A. Δ. Φ. House
Edwin James Kuh, Jr.	<i>Chicago, Ill.</i>	33 M. H.
Almet Reed Latson, Jr.	<i>Brooklyn, N. Y.</i>	Z. Ψ. House
Paul Root Lawrence	<i>Boston</i>	Φ. Δ. Θ. House

Harold MacLean Lewis	Brooklyn, N. Y.	Φ. Δ. Θ. House
Alan Lichtenhein	New York City	8 W. C.
Roger Sherman Loomis	Yokohama, Japan	A. Z. A. House
Leslie Eugene McCuen	Chazy, N. Y.	13 M. H.
Allen McDougall	Plattsburgh, N. Y.	Spring St.
Mark Walton MacLay, Jr.	New York City	K. A. Lodge
James Matless	Keokuk, Iowa	10 M. H.
Carl Dusenbury Mats	Chicago, Ill.	A. Δ. Φ. House
Willis Monroe Menard	Washington, D. C.	2 F. H.
Theodore Biggs Metzger	Elmira, N. Y.	8 W. C.
Sterling Armstrong Millard	Utica, N. Y.	18 F. H.
Herbert Dewey Moon	Williamstown	Bulkley St.
Gilbert Livingston Morse	New York City	A. Z. A. House
Frederick Merchant Myers	Bennington, Vt.	16 B. H.
Perry Foote Narten	Cleveland, O.	X. Ψ. Lodge
Alfred Naumburg	Yonkers, N. Y.	20 M. H.
John Emmanuel Nelson	Shelburne Falls	A. Z. A. House
Sidney Douglass Palmer	New York City	Σ. Φ. Place
Harry Harvey Pike	New York City	K. A. Lodge
Henry James Post	Matteawan, N. Y.	7 B. H.
Carroll Everts Robb	Richmond Hill, N. Y.	Z. Ψ. House
Edward Foote Rogers	Lee	29 T. B. L.
Paul Rowland	Sapporo, Japan	19 E. C.
Henry Moore Royce	Rutland, Vt.	8 M. H.
Arthur Joseph Santry	Roxbury	Δ. K. E. House
Francis Bowes Sayre	South Bethlehem, Pa.	Σ. Φ. Place
Robert Edmund Sears	Geneseo, N. Y.	Φ. Σ. K. House
Livingston Newell Smith	Westfield	Main St.
Warren Moulton Spann	Attica, N. Y.	10 B. H.
Frank Ward Strong	North Woodbury, Conn.	11 B. H.
Alexander McKechnie Swain	Philadelphia, Pa.	St. Anthony Hall
Theodore Clute Thompson	Moscow, N. Y.	Φ. Σ. K. House
Henry Wolcott Toll	Denver, Col.	K. A. Lodge
George Coe Van de Carr	Stockport, N. Y.	A. Z. A. House
Benno William von Witsleben	New York City	Θ. Δ. X. House
Charles Desmond Wadsworth	Dorchester	A. Δ. Φ. House
Raymond Waite	Chicago, Ill.	Δ. Υ. House
Oscar McMillan Westen	East Orange, N. J.	Δ. K. E. House
Eleaser Deming Williams	Pittsfield	Δ. Υ. House
James Wesley Van Witsaie	Cortland, N. Y.	Φ. K. Σ. House
Thomas Scudder Winslow	Poughkeepsie, N. Y.	K. A. Lodge
Ralph Stratton Wolcott	Minneapolis, Minn.	The Manix
Ernest Hosmer Wood	New York City	Σ. Φ. Place

**WILLIAMS COLLEGE**

**131**

John Draper Woodfin	<i>Rutland, Vt.</i>	29 M. H.
John Caulfield Woodruff	<i>Fort Wadsworth, N. Y.</i>	Δ. K. E. House
Henry James Young	<i>Linwood</i>	14 B. H
Total .....		87

## JUNIORS—CLASS OF 1910

Carl Ferdinand Ahlstrom, Jr.	<i>New York City</i>	A. Δ. Φ. House
Harry Louis Alexander	<i>New York City</i>	Φ. Δ. Θ. House
Sinclair Tousey Allen	<i>Clinton Corners, N. Y.</i>	Z. Ψ. House
Dan Hinckley Arnold	<i>New York City</i>	16 M. H.
Bierce Bailey	<i>Troy, N. Y.</i>	A. Z. A. House
Richard Orcutt Bailey	<i>Oneida, N. Y.</i>	Θ. Δ. X. House
Cortlandt Beekman	<i>New York City</i>	St. Anthony Hall
Walter Charles Beinecke	<i>New York City</i>	5 B. H.
Charlie Mead Benham	<i>Amenia, N. Y.</i>	22 B. H.
Stanley Prindle Benton	<i>Great Barrington</i>	15 M. H.
Charles Russell Brewer	<i>Gilbertsville, N. Y.</i>	21 B. H.
Daniel Low Bridgman	<i>Stapleton, N. Y.</i>	Φ. Σ. K. House
Edward Henry Brookway	<i>Hartford, Conn.</i>	23 F. H.
Belvidere Brooks, Jr.	<i>Brooklyn, N. Y.</i>	22 F. H.
Franklin Cline Buck	<i>Mt. Vernon, N. Y.</i>	Spring St.
Lyndon Bulkley Cady	<i>New York City</i>	21 M. H.
Philo Clarke Calhoun	<i>Bridgeport, Conn.</i>	18 B. H.
George Dart Carrington	<i>New York City</i>	Φ. Σ. K. House
William Lansing Chapman	<i>Lansingburgh, N. Y.</i>	9 M. H.
George Morris Cheney	<i>Williamstown</i>	23 Southworth St.
Samuel Wolcott Clausen	<i>Canandaigua, N. Y.</i>	21 M. H.
Harrison Holmes Cochran	<i>Minneapolis, Minn.</i>	7 B. H.
Frederick Van Cleve Cole	<i>Pittsburgh, Pa.</i>	15 B. H.
Albert Selmsier Coons	<i>Gloversville, N. Y.</i>	Φ. Δ. Θ. House
Raymond Noyes Crawford	<i>Newark, N. J.</i>	1 E. C.
Frank Nicholls Dealy	<i>New York City</i>	13 B. H.
Anson Eldred	<i>Milwaukee, Wis.</i>	St. Anthony Hall
Joseph Shattuck Ely	<i>Greenville, N. H.</i>	Δ. K. E. House
Richard Duncan Ely	<i>Hartford, Conn.</i>	15 M. H.
Malcolm Edwin Erskine	<i>Racine, Wis.</i>	St. Anthony Hall
Hubert William Fowle	<i>Cesarea, Turkey</i>	8 B. H.
Edwin Bulkley Gore	<i>Chicago, Ill.</i>	16 W. C.
Charles French Gould	<i>Lake Forest, Ill.</i>	22 M. H.
Chapman Grant	<i>New York City</i>	T. B. L.
Robert Graves, Jr.	<i>New York City</i>	4 B. H.
Edward Samuel Greenbaum	<i>New York City</i>	7 M. H.
Theodore Barton Griffith	<i>Indianapolis, Ind.</i>	K. A. Lodge
John Robert Hamilton	<i>Watervliet, N. Y.</i>	A. Z. A. House
William Castle Herrick	<i>Albany, N. Y.</i>	Σ. Φ. Place
Clarence Orman Hicks	<i>North Adams</i>	60 Main St.
Rowland Sloan Hill	<i>Pittsfield</i>	8 E. C.

Horace Hotchkiss Holley	<i>Litchfield, Conn.</i>	24 M. H.
Charles Bonnifield Hormel	<i>Cedar Rapids, Ia.</i>	A. Δ. Φ. House
William Harold Hosford	<i>Williamstown</i>	North St.
Charles Frost Hurd, Jr.	<i>Medina, N. Y.</i>	A. Z. A. House
Richard Law Jackson	<i>Middletown, Conn.</i>	Σ. Φ. Place
Harold Macy Jenkins	<i>Pittsford, N. Y.</i>	K. A. Lodge
Edwin Theodore Johnson, Jr.	<i>Oak Park, Ill.</i>	Δ. K. E. House
Elliot Weber Johnson	<i>Greenwich, Conn.</i>	Θ. Δ. X. House
Stafford Fisher Johnson	<i>Colorado Springs, Col.</i>	25 B. H.
Leonard Douglas Karcher	<i>Chicago, Ill.</i>	X. Ψ. Lodge
Arthur Livingston Kelley, Jr.	<i>Providence, R. I.</i>	20 F. H.
John Randolph Labaree	<i>South Dennis</i>	23 M. H.
Morris Bryan Lambie	<i>Northampton</i>	Φ. Δ. Θ. House
George Vaill LaMonte	<i>Bound Brook, N. J.</i>	Φ. Δ. Θ. House
Allen Leferts	<i>New York City</i>	St. Anthony Hall
Edwin Partridge Lehman	<i>Redlands, Cal.</i>	29 M. H.
Wilfrid Vaughan Lewis	<i>Irvington, N. Y.</i>	20 F. H.
George Albert Logan	<i>Williamstown</i>	White Oaks
George Taylor Lynn	<i>Rochester, N. Y.</i>	Δ. Y. House
Frederick Beasley Marsh, 2nd.	<i>New York City</i>	19 F. H.
Samuel Mundy Meeker, Jr.	<i>Brooklyn, N. Y.</i>	Φ. Δ. Θ. House
Alvin Simmons Meland	<i>Red Wing, Minn.</i>	33 M. H.
Robert Bodley Miner	<i>North Adams</i>	Δ. Y. House
Robert Chamberlin Mitchell	<i>Rock Island, Ill.</i>	St. Anthony Hall
Russell Mowen	<i>Brooklyn, N. Y.</i>	22 M. H.
Robert Edward Noble	<i>Adams</i>	13 M. H.
Gerald Hays Page	<i>Peoria, Ill.</i>	Δ. K. E. House
Garrett Hardy Payne	<i>Brooklyn, N. Y.</i>	Z. Ψ. House
John Raymond Peck	<i>Germantown, Pa.</i>	Z. Ψ. House
Henry Beaumont Pennell, Jr.	<i>Portland, Me.</i>	X. Ψ. Lodge
Ralph Perkins	<i>Cleveland, O.</i>	A. Δ. Φ. House
Francis Colburn Pinkham	<i>Brooklyn, N. Y.</i>	3 Spring St.
Lars Sellstedt Potter	<i>Buffalo, N. Y.</i>	K. A. Lodge
Arthur Barr Powell	<i>Montclair, N. J.</i>	8 M. H.
Leon Sherman Pratt	<i>Dalton</i>	Φ. Σ. K. House
Robert White Ralston	<i>Charlottesville, Va.</i>	A. Δ. Φ. House
Marcus Dimmitt Richards	<i>Chicago, Ill.</i>	A. Δ. Φ. House
Walter Scott Rooney	<i>Ballston Springs, N. Y.</i>	9 M. H.
John Power Ryan	<i>Troy, N. Y.</i>	Φ. Δ. Θ. House
Lesley Green Sheaffer	<i>Pottsville, Pa.</i>	Φ. Δ. Θ. House
Harold Reed Sheedy	<i>Groton</i>	12 B. H.
William LeRoy Shields	<i>Troy, N. Y.</i>	St. Anthony Hall
Andrew Romaine Shiland	<i>New York City</i>	St. Anthony Hall

Walter Rumsey Skinner	Webster Groves, Me.	X. Ψ. Lodge
William Wallace Smith, and	Poughkeepsie, N. Y.	Z. Ψ. House
Charles Parsons Stocking	Williamstown	Φ. Σ. K. House
Thomas Freeman Tarbell	East Pepperell	15 B. H.
Fred Huribut Taylor	Montclair, N. J.	21 F. H.
Stuart John Templeton	Oak Park, Ill.	Room A., F. H.
John Francis Thomas	Troy, N. Y.	Spring St.
Harold George Thompson	East Norwalk, Conn.	29 B. H.
James Alexander Tillinghast	Providence, R. I.	19 F. H.
John Lincoln Waldo	Jamaica Plain	K. A. Lodge
Charles Henry Welsby	North Adams	Main St.
James Seymour Westbrook	Ogdensburg, N. Y.	Σ. Φ. Place
Temple Williams	Chicago, Ill.	X. Ψ. Lodge
Hamilton Brooks Wood	Worcester	Z. Ψ. House
Norris George Wood	Somerville, Conn.	9 B. H.
Charles Douglas Woodhouse	Burlington, Vt.	Θ. Δ. X. House

Total..... 100



## SOPHOMORES—CLASS OF 1911

Harold Stanard Adams	<i>Pittsfield</i>	Θ. Δ. X. House
Jay Bernard Angevene	<i>Highland, N. Y.</i>	4 F. H.
James Auld Austin	<i>Fitchburg</i>	Δ. K. E. House
Edward Leonard Bacher	<i>Gilbertville</i>	A. Z. A. House
Oliver Coolidge Barrett	<i>Ware</i>	17 B. H.
Ralph Boerne Bettman	<i>Chicago, Ill.</i>	3 M. H.
Henry Webster Biggins	<i>Wallingford, Conn.</i>	16 M. H.
Ralph Mason Blake	<i>Greenfield</i>	62 Main St.
Herbert Bluethenthal	<i>Wilmington, N. C.</i>	7 M. H.
Herbert Fred Bohnet	<i>Brooklyn, N. Y.</i>	31 M. H.
Charles Henry Breck Brackett	<i>Newton</i>	2 M. H.
George Bruce Brooks	<i>Brooklyn, N. Y.</i>	22 F. H.
Thomas Russell Brown	<i>Montclair, N. J.</i>	13 W. C.
Norman Keyes Bryant	<i>North Adams</i>	3 M. H.
Miron Bunnell	<i>Duluth, Minn.</i>	Z. Ψ. House
Clarence Tupper Butler	<i>Williamstown</i>	19 E. C.
Richard David Campbell	<i>Dorset, Vt.</i>	14 E. C.
Wentworth Caleb Carr	<i>Arlington</i>	Θ. Δ. X. House
William James Cartwright	<i>Williamstown</i>	Water St.
Frank Speer Coan	<i>Urumia, Persia</i>	8 B. H.
Frederick Littlefield Cobb	<i>Minneapolis, Minn.</i>	12 E. C.
Charles Durant Coe	<i>Medford</i>	3 B. H.
John Alfred Cogswell	<i>Newton Centre</i>	2 M. H.
Paul Clinton Cook	<i>Pittsfield</i>	23 E. C.
Paul Dana	<i>Philadelphia, Pa.</i>	34 M. H.
Thorn Dickinson	<i>Middlebury, Vt.</i>	12 F. H.
Edward Everett Dissell	<i>West Hartford, Conn.</i>	25 M. H.
Raymond Canfield Dodd	<i>Glen Ridge, N. J.</i>	23 M. H.
Clifford Alexander Dunning	<i>Sea Cliff, N. Y.</i>	21 F. H.
Alfred Elijah Edwards	<i>Natick</i>	9 E. C.
Joseph Addison Smith Ehart	<i>Fort Madison, Ia.</i>	12 B. H.
Allan Manro Eldredge	<i>Auburn, N. Y.</i>	7 E. C.
Samuel B. Emery	<i>Albany, N. Y.</i>	19 B. H.
Edwin Albert Fish	<i>Minneapolis, Minn.</i>	Σ. Φ. Place
John Welton Fisher, Jr.	<i>Milwaukee, Wis.</i>	26 M. H.
Seward Griffin Folsom	<i>Circleville, O.</i>	26 B. H.
Reginald Dunderdale Forbes	<i>New London, Conn.</i>	6 F. H.
Donald Ford	<i>Brooklyn, N. Y.</i>	17 M. H.
Alexander Andrew Gardiner	<i>Holyoke</i>	3 F. H.
James Garfield	<i>Williamstown</i>	12 W. C.
Merrill Newcomb Gates	<i>Auburn, N. Y.</i>	10 F. H.

Danforth Geer, Jr.	<i>Hoosick Falls, N. Y.</i>	12 W. C.
Robert William Gilmore	<i>Woodmere</i>	18 M. H.
Henry Holland Goff	<i>Fall River</i>	3 B. H.
Gustave Philip Grabfield	<i>Cincinnati, O.</i>	3 C. H.
James Tracy Hale, Jr.	<i>Duluth, Minn.</i>	26 M. H.
Henry Twitchell Hall	<i>East Orange, N. J.</i>	11 C. H.
John Daniel Hass	<i>West Stockbridge</i>	25 M. H.
Clifford Hemphill	<i>New York City</i>	28 M. H.
Chester Dodd Heywood	<i>Worcester</i>	5 W. C.
Alexander Campbell Hooker	<i>Evanston, Ill.</i>	15 W. C.
Leon Remy Hourdequin	<i>Brooklyn, N. Y.</i>	18 E. C.
Ralph Edwin Howes	<i>Williamstown</i>	32 M. H.
Wolcott Hubbell	<i>Ellensburg, Wash.</i>	19 F. H.
Frank Jay Jerome	<i>Painesville, O.</i>	2 W. C.
Redford Kohlsadt Johnson	<i>Dana</i>	23 J. H.
Guilford Jones	<i>Colorado Springs, Col.</i>	23 F. H.
William Van Antwerp Kemp	<i>New York City</i>	28 J. H.
Stephen Girard Kent	<i>Summit, N. J.</i>	25 J. H.
Harold Hunter Kissam	<i>Bay Shore, N. Y.</i>	Σ. Φ. Place
Sterling Power Lamprecht	<i>Cleveland, O.</i>	10 F. H.
George Orr Latimer	<i>Portland, Ore.</i>	36 M. H.
Archie Howe Leland	<i>Buffalo, N. Y.</i>	4 F. H.
James Dowd Lester	<i>Saratoga, N. Y.</i>	30 M. H.
John Putnam Loomis	<i>Englewood, N. J.</i>	4 M. H.
Edward Carlton McLellan	<i>Newton Centre</i>	Θ. Δ. X. House
Forrest Frew Macnee	<i>New York City</i>	30 M. H.
Maurice Kirkley Mark	<i>Springfield, O.</i>	Netherleigh
Gregory Mason	<i>New York City</i>	A. Z. A. House
Abbot Paige Mills	<i>Pittsfield</i>	8 E. C.
Charles Harold Mott	<i>Brooklyn, N. Y.</i>	10 W. C.
Floyd Irwin Newton	<i>Williamstown</i>	14 E. C.
Ralph Lawrence Oakley	<i>New York City</i>	1 W. C.
LeRoy Parker Ogden	<i>Pittsfield</i>	23 E. C.
Marvin Olcott, Jr.	<i>Corning, N. Y.</i>	Σ. Φ. Place
Julian Park	<i>Buffalo, N. Y.</i>	St. Anthony Hall
Fletcher Douglas Parker	<i>Minneapolis, Minn.</i>	12 F. H.
John Virgil Parker	<i>Medina, N. Y.</i>	11 F. H.
Norman Salee Parker	<i>Chicago, Ill.</i>	11 W. C.
James Pomeroy Porter	<i>Fort Wayne, Ind.</i>	4 W. C.
Sidney Powers	<i>Troy, N. Y.</i>	11 Southworth Ave.
Ernest Roland Preston	<i>Natick</i>	9 E. C.
Edward Miller Radway	<i>New York City</i>	1 W. C.
Arthur Lester Rae	<i>Holyoke</i>	62 Main St.

WILLIAMS COLLEGE

137

Philip Cree Rider	<i>City of Mexico</i>	18 M. H.
Charles Walter St. Denis	<i>North Adams</i>	15 E. C.
Walter Adams Shaw	<i>New York City</i>	24 M. H.
Henry Percy Shearman	<i>Williamstown</i>	15 E. C.
Henry Patrick Spring	<i>Northampton</i>	Main St.
Robert Ostrander Starrett	<i>New York City</i>	Φ. Δ. Θ. House
Stanley Weisel Stern	<i>New York City</i>	17 E. C.
Harold Tilson Stetson	<i>Auburn, Me.</i>	3 E. C.
Beatty Stevens	<i>Chicago, Ill.</i>	Room A., S. C.
William Donnell Stewart	<i>Baltimore, Md.</i>	26 J. H.
Bradford Stone	<i>Springfield</i>	37 M. H.
Kenneth Montague Sturges	<i>Brooklyn, N. Y.</i>	32 M. H.
Clinton Combes Swan	<i>Brooklyn, N. Y.</i>	Z. Ψ. House
Lewis Taber Sweet	<i>Omaha, Neb.</i>	37 M. H.
Robert Wendell Taylor	<i>Auburn, N. Y.</i>	7 E. C.
Langdon Thorn Thaxter	<i>Portland, Me.</i>	10 Hoxsey St.
Theodore Kendall Thurston	<i>Portland, Me.</i>	6 W. C.
George Wilson Van Gorder	<i>Pittsburgh, Pa.</i>	38 M. H.
Morgan Van Woert	<i>Montclair, N. J.</i>	St. Anthony Hall
Clifford Henry White	<i>Lenox</i>	3 E. C.
William Walter Woolsey, Jr.	<i>Englewood, N. J.</i>	4 M. H.
Total.....		105

## FRESHMEN—CLASS OF 1912

Charles Albert Anderson	<i>West Orange, N. J.</i>	24 E. C.
Robert Powers Anderson	<i>Springfield</i>	3 F. H.
Francis Loudon Andrews	<i>Dalton</i>	12 E. C.
Kilbert Sherwood Angell	<i>New Hamburg, N. Y.</i>	Netherleigh
Samuel Prentiss Bailey	<i>Winona, Minn.</i>	2 W. C.
Lee Byron Baker	<i>East Templeton</i>	Cole Ave.
Edward Bradley Ballinger	<i>Seattle, Wash.</i>	13 Hoxsey St.
Edward Rice Bartlett	<i>Buffalo, N. Y.</i>	11 Hoxsey St.
Loyd Hayward Bartlett	<i>Auburn, N. Y.</i>	4 C. H.
Charles Julius Bauerle, Jr.	<i>Newark, N. J.</i>	8 Water St.
Gerald Hyde Beard	<i>Minneapolis, Minn.</i>	20 C. H.
Lyndon Smith Beardslee	<i>Hartford, Conn.</i>	11 E. C.
Brace Bennitt	<i>Springfield</i>	7 Thomas St.
Leslie Richards Brown	<i>Ann Arbor, Mich.</i>	8 Hoxsey St.
Simmons Brown	<i>Portland, Me.</i>	10 Hoxsey St.
Morris Everett Bumpus	<i>Quincy</i>	18 Southworth St.
Benjamin Brown Burton	<i>Waterford, N. Y.</i>	11 Hoxsey St.
Norman Lee Burton	<i>Oak Park, Ill.</i>	10 W. C.
Thomas Harrison Card	<i>North Adams</i>	Water St.
Rodliffe Bramhall Chace	<i>Fall River</i>	14 W. C.
Harvey Chalmers, 2nd	<i>Amsterdam, N. Y.</i>	45 Hoxsey St.
Jay Wilbur Chapman, Jr.	<i>Winona Lake, Ind.</i>	3 W. C.
Champlin Clarke	<i>Catskill, N. Y.</i>	11 Hoxsey St.
William Steele Brown Comstock	<i>Cleveland, O.</i>	8 C. H.
Frederic Panet Marshall Conger	<i>Brooklyn, N. Y.</i>	14 W. C.
William Pickett Converse	<i>Albany, N. Y.</i>	Σ. Φ. Place
Charles Bennett Cook, Jr.	<i>Fall River</i>	29 J. H.
Horace Ranney Corner	<i>Cleveland, O.</i>	2 B. H.
Clarence Mannington Cossum	<i>Poughkeepsie, N. Y.</i>	5 F. H.
Clyde Huxster Crawford	<i>East Orange, N. J.</i>	1 E. C.
John Franklin Crawford	<i>Flushing, N. Y.</i>	Z. Ψ. House
Charles Waldemar Curtis	<i>Plattsburg, N. Y.</i>	Spring St.
Ewart Gladstone Davies	<i>Easton, Pa.</i>	12 Hoxsey St.
George Allen Davis, Jr.	<i>Lancaster, N. Y.</i>	10 Hoxsey St.
Eugene Hoyone de Bronkart	<i>Chicago, Ill.</i>	11 Hoxsey St.
Thomas Worth Doan	<i>Ridley Park, Pa.</i>	4 E. C.
William Vanderbilt Dolph	<i>Portland, Ore.</i>	36 M. H.
John Owen Stearns Edwards	<i>Elizabeth, N. J.</i>	13 Hoxsey St.
Harold Ross Ashburner Evans	<i>Jamaica Plain</i>	13 Hoxsey St.
Francis Michael Fallon	<i>Williamstown</i>	East Main St.
Manning Cromwell Field	<i>Brooklyn, N. Y.</i>	8 Hoxsey St.

Irving Duncan Fish	<i>Minneapolis, Minn.</i>	75 Main St.
James Berwick Forgan, Jr.	<i>Chicago, Ill.</i>	Σ. Φ. Place
George Kincaide Foye	<i>Marion, O.</i>	16 C. H.
Irwin Hance Freeman	<i>Glen Ridge, N. J.</i>	8 Hoxsey St.
Walter Cleveland Fried	<i>New York City</i>	8 Hoxsey St.
Gilbert Wolfe Gabriel	<i>New York City</i>	13 C. H.
Ryerson Dudley Gates, Jr.	<i>Oak Park, Ill.</i>	10 Hoxsey St.
William Jewett Geer	<i>Highland Park, Ill.</i>	11 W. C.
Lewis Foster Gifford	<i>Chicago, Ill.</i>	75 Main St.
Richard Gildersleeve	<i>Gildersleeve, Conn.</i>	17 M. H.
John Calvin Goddard, Jr.	<i>Salisbury, Conn.</i>	16 F. H.
John Sleight Goodsell	<i>New York City</i>	Main St.
Donald Leal Greenleaf	<i>Plainfield, N. J.</i>	11 Hoxsey St.
Frederick Leonard Griswold	<i>Auburn, N. Y.</i>	5 E. C.
Henry Johnson Guild	<i>Bangor, Me.</i>	8 Hoxsey St.
John Brackett Hague	<i>Saratoga Springs, N. Y.</i>	7 C. H.
Durand Appleton Hall	<i>Milwaukee, Wis.</i>	26 M. H.
Julian Delamater Hamlin	<i>Chicago, Ill.</i>	1 B. H.
Lyndon Baldwin Hardwick	<i>Quincy</i>	16 W. C.
Bradford Hathaway	<i>Newport, R. I.</i>	17 E. C.
Charles Francis Hawkins	<i>Warwick, N. Y.</i>	20 B. H.
Laurence Hayes	<i>New York City</i>	17 C. H.
Charles Leslie Hedden	<i>Newark, N. J.</i>	13 F. H.
Howard Townsend Heister	<i>Upper Troy, N. Y.</i>	East Main St.
Frederick Armitage Hewat	<i>North Adams</i>	5 E. C.
Charles Winthrop Hosley	<i>Warren</i>	60 Main St.
Walter Scott Jarvis	<i>Brooklyn, N. Y.</i>	College Place
Rochester Burnett Jones	<i>Mt. Vernon, N. Y.</i>	6 C. H.
Henry Kaldenbaugh	<i>New Philadelphia, O.</i>	3 W. C.
Branton Holstein Kellogg	<i>Brookline</i>	13 Hoxsey St.
Earle Piggott Kimball	<i>New York City</i>	10 Hoxsey St.
Arthur Myndert Kimberley	<i>Watervliet, N. Y.</i>	11 Southworth St.
Alfred Irving King	<i>Scarborough, N. Y.</i>	Hoxsey St.
James Ernest King	<i>Toledo, O.</i>	11 Hoxsey St.
August Klipstein Jr.	<i>Brooklyn, N. Y.</i>	6 Hoxsey St.
Herbert Clement Klipstein	<i>Brooklyn, N. Y.</i>	6 Hoxsey St.
Coit Ladd	<i>Rutherford, N. J.</i>	10 Park St.
Edward Augustus Lane	<i>Brooklyn, N. Y.</i>	8 Water St.
Alan Laggett	<i>Chatham, N. Y.</i>	21 E. C.
Albert Munger Lewis	<i>Oak Park, Ill.</i>	2 C. H.
Daniel Hayden Lewis	<i>Lansford, Pa.</i>	5 F. H.
Frederic Edward Linder	<i>New York City</i>	Spring St.
Maurice Gilson Lynn	<i>Rochester, N. Y.</i>	Δ. Y. House

William McCredie, Jr.	<i>Elgin, Ill.</i>	20 E. C.
Charles Kirk McFarlin	<i>East Orange, N. J.</i>	9 C. H.
Benjamin Thayer McGill	<i>Englewood, N. J.</i>	6 Hoxsey St.
John Aeneas Mackenzie	<i>Bath, Me.</i>	16 E. C.
Edward John McManus	<i>Bridgeport, Conn.</i>	28 B. H.
Conrad Alexander Markwald	<i>Angus, Wis.</i>	10 Park St.
Raymond Foster Marshall	<i>Newark, N. J.</i>	13 F. H.
Harry Perry Martin	<i>Owego, N. Y.</i>	Room D., C. H.
Winthrop Martin	<i>New York City</i>	13 Thomas St.
John Dusenbury Mats	<i>Chicago, Ill.</i>	4 North St.
Frederic Woehler Mears	<i>Williamstown</i>	Hoxsey St.
Harry Knowles Messenger	<i>Springfield</i>	18 C. H.
Charles Millar	<i>Utica, N. Y.</i>	10 Hoxsey St.
Carl Tachau Naumburg	<i>New York City</i>	20 M. H.
Alexander Hill Neagle	<i>Elmira, N. Y.</i>	20 E. C.
Harry Anselm O'Brien	<i>North Adams</i>	North Adams
Norris Schermerhorn Oliver	<i>East Orange, N. J.</i>	4 North St.
Paul Franklin Otis	<i>Scituate</i>	4 E. C.
Joseph Hendershot Park	<i>Port Murry, N. J.</i>	Cole Ave.
Ernest Boynton Patten	<i>Dorchester</i>	2 E. C.
Lawrence Wood Peirson	<i>Pittsfield</i>	22 E. C.
Edwin Oscar Perrin	<i>New York City</i>	8 S. C.
Osgood Perry	<i>Fitchburg</i>	19 C. H.
Jesse Dudley Peterson	<i>Lockport, N. Y.</i>	12 W. C.
George Center Power, Jr.	<i>St. Paul, Minn.</i>	25 B. H.
Kenneth Talbot Price	<i>Chicago, Ill.</i>	23 J. H.
Max How Pulford	<i>Duluth, Minn.</i>	28 M. H.
Frank Prentice Rand	<i>Worcester</i>	10 E. C.
George Berkeley Reed	<i>Philadelphia, Pa.</i>	12 C. H.
John Harold Robinson	<i>Kansas City, Mo.</i>	12 Hoxsey St.
Edwin Joseph Rogers	<i>Albany, N. Y.</i>	22 E. C.
George Edgar Rogers	<i>New York City</i>	Spring St.
Rush Hawkins Rogers	<i>Orange, N. J.</i>	14 Hoxsey St.
Gordon Anderson Roper	<i>Pelham Manor, N. Y.</i>	Θ. Δ. X. House
Robert Winthrop Seeley	<i>Williamstown</i>	College Place
Jesse Seligman	<i>New York City</i>	7 W. C.
Donald Swanton Sewall	<i>Bath, Me.</i>	3 B. H.
Robert Deyo Sherman	<i>Nyack, N. Y.</i>	16 E. C.
Charles Howell Shons	<i>Washingtonville, N. Y.</i>	4 North St.
Henry Lawrence Sickels	<i>East Aurora, N. Y.</i>	Room B., C. H.
Edgar David Simon	<i>New York City</i>	73 Main St.
George Franklin Simson	<i>Lockport, N. Y.</i>	11 E. C.
Kenneth Thomson Sloper	<i>New Britain, Conn.</i>	5 C. H.

WILLIAMS COLLEGE

141

Robert Kemble Smith	<i>Hartford, Conn.</i>	1 B. H.
William Percival Smith	<i>Brooklyn, N. Y.</i>	8 Hoxsey St.
Roger Vinton Snow	<i>Portland, Me.</i>	6 W. C.
Charles Haight Steel	<i>Auburn, N. Y.</i>	K. A. Lodge
Frederic Evans Steward	<i>Burlington, N. J.</i>	4 North St.
Whitney Stott	<i>Albany, N. Y.</i>	15 W. C.
Frank Livingood Surls	<i>Williamstown</i>	Glen St.
David Lee Sutherland	<i>Minneapolis, Minn.</i>	27 J. H.
Emerson Howland Swift	<i>Montclair, N. J.</i>	5 M. H.
Charles Stanley Thompson	<i>Minneapolis, Minn.</i>	17 F. H.
Frank Bosworth Tiebout	<i>Brooklyn, N. Y.</i>	10 C. H.
George Elbert Todd, Jr.	<i>Katonah, N. Y.</i>	12 Hoxsey St.
James Foster Townsend	<i>Greenwich, N. Y.</i>	6 Hoxsey St.
George Lee Trumbull	<i>Greenwich, N. Y.</i>	Main St.
John Valiant	<i>Plainfield, N. J.</i>	6 B. H.
Leslie Marshall Van Deusen	<i>Hudson, N. Y.</i>	2 B. H.
Robert Cornelius Van Schaack	<i>Denver, Col.</i>	18 M. H.
Wilton Shelley Viall	<i>Bennington, Vt.</i>	Water St.
Robert Frederick von Witzleben	<i>New York City</i>	Θ. Δ. X. House
Ernest Little Wakefield	<i>Sheffield</i>	21 E. C.
Kenneth Buchanan Wallace	<i>New York City</i>	10 Hoxsey St.
Howry Haskell Warner	<i>Marion, O.</i>	14 C. H.
Ronald Frank Webster	<i>Evanston, Ill.</i>	14 Hoxsey St.
Laurence Charles Wellington	<i>Amherst</i>	27 J. H.
Hubbell Brainerd West	<i>Syracuse, N. Y.</i>	11 F. H.
Bryant Davis Wetherell	<i>Holyoke</i>	34 M. H.
Alan Griffith Whittemore	<i>Dorchester</i>	13 Hoxsey St.
Francis Cogswell Wickes	<i>Rochester, N. Y.</i>	Main St.
Clarence Stuart Alex. Williams	<i>Utica, N. Y.</i>	10 Hoxsey St.
William Hutcheson Windom	<i>Washington, D. C.</i>	5 M. H.
Ernest Howard Winter	<i>Orange, N. J.</i>	Δ. K. E. House
Harold Francis Winter	<i>Orange, N. J.</i>	13 W. C.
Jeffrey Amherst Wisner	<i>Warwick, N. Y.</i>	38 M. H.
Thomas Welling Wisner	<i>Warwick, N. Y.</i>	5 W. C.
William Courtney Wright	<i>Brooklyn, N. Y.</i>	1 C. H.
Total.....		162

## PARTIAL COURSE

1909		
Walter Scott Hughes	<i>Milton</i>	1 M. H.
1910		
Herbert Charles Peter	<i>Buffalo, N. Y.</i>	Θ. Δ. X. House
1911		
Robert Bixby Freifeld	<i>Brooklyn, N. Y.</i>	31 M. H.
Harold Noble Underhill	<i>New York City</i>	6 B. H.
1912		
Franc Kiene Altman	<i>Dubuque, Ia.</i>	35 M. H.
Clifford Hogencamp Ayres	<i>Paterson, N. J.</i>	17 W. C.
Stanley Mason Babson	<i>South Orange, N. J.</i>	23 B. H.
Harold Brown Evans	<i>Hudson, N. Y.</i>	10 Hoxsey St.
Benedict Gifford	<i>Hudson, N. Y.</i>	15 C. H.
Olyn Daffon Hemming	<i>Colorado Springs, Col.</i>	8 Hoxsey St.
Howard Newell Heulings	<i>Moorestown, N. J.</i>	24 E. C.
Harry Eli Hogan	<i>Williamstown</i>	Spring St.
Lewis Crary Jamieson	<i>Warren, Pa.</i>	13 Hoxsey St.
Henry Curtis Jordan	<i>Newburgh, N. Y.</i>	4 B. H.
William Tomson McKay	<i>Fort Wayne, Ind.</i>	4 W. C.
Joseph Savageau Moriarty	<i>St. Louis, Mo.</i>	11 Hoxsey St.
Willis Arthur Pack	<i>Orchard Lake, Mich.</i>	8 Hoxsey St.
Charles Howe Rogers	<i>Crystal Lake, Ill.,</i>	10 Hoxsey St.
John Henry Savage, Jr.	<i>Prairie du Chien, Wis.</i>	17 Thomas St.
Dempster Durand Sherman	<i>New York City</i>	9 S. C.
George Harrington Sickels	<i>Buffalo, N. Y.</i>	Room A., C. H.
James Emory Squiers	<i>Evanston, Ill.</i>	35 M. H.
Richard Theodore Talpey	<i>Auburn, N. Y.</i>	6 E. C.
Henry Favill Tenney	<i>Winnetka, Ill.</i>	6 E. C.
George Keys Thompson	<i>Glendale, O.</i>	17 F. H.
Frederick Raynsford Warner	<i>Geneva, Ill.,</i>	18 Southworth St.
William Luke Wessels	<i>Amsterdam, N. Y.</i>	24 J. H.
Total.....		27



**WILLIAMS COLLEGE**

143

**SUMMARY BY CLASSES**

GRADUATE STUDENTS: RESIDENT.....	6
SENIORS.....	87
JUNIORS.....	100
SOPHOMORES.....	105
FRESHMEN.....	162
PARTIAL COURSE.....	27
TOTAL.....	487

**SUMMARY BY STATES**

NEW YORK.....	187
MASSACHUSETTS.....	95
NEW JERSEY.....	42
ILLINOIS.....	37
CONNECTICUT.....	19
MINNESOTA.....	16
OHIO.....	16
PENNSYLVANIA.....	12
MAINE.....	10
VERMONT.....	7
WISCONSIN.....	7
COLORADO.....	5
INDIANA.....	4
IOWA.....	4
MISSOURI.....	3
RHODE ISLAND.....	3
DISTRICT OF COLUMBIA.....	2
MICHIGAN.....	2
OREGON.....	2
WASHINGTON.....	2
CALIFORNIA.....	1
GEORGIA.....	1
MARYLAND.....	1
NEBRASKA.....	1

**WILLIAMS COLLEGE**

NEW HAMPSHIRE.....	1
NORTH CAROLINA.....	1
VIRGINIA.....	1
JAPAN.....	2
MEXICO.....	1
PERSIA.....	1
TURKEY.....	1
<hr/>	
TOTAL.....	487
WHOLE NUMBER OF GRADUATES.....	4495

# INDEX

PAGE		PAGE
ADDRESSES of students...	128	ASTRONOMY, Courses in.. 77
ADMINISTRATION, Com- mittee on.....	15	Observatories, etc..... 95
ADMINISTRATION, Officers of.....	14	ATTENDANCE..... 88
ADMISSION, Requirements for.....	29	BIOLOGY, Courses in..... 81
by certificate.....	42	Laboratory..... 94
College Entrance Ex- amination Board....	39	BOTANY, Courses in..... 83
Examinations for.....	41	BUILDINGS..... 27
Groups.....	29	CALENDAR for College Year..... 3
to advanced standing..	46	CERTIFICATES FOR ADMIS- SION..... 42
to partial course.....	46	CHAPEL, Attendance..... 88
Requirements for		Services..... 92
English.....	31	CHEMISTRY, Courses in... 78
French.....	33	Laboratory..... 94
German.....	35	CLASSICAL SOCIETY..... 105
Greek.....	37	COLLEGE Entrance Exam- ination Board..... 39
History.....	38	COMMENCEMENT APPOINT- MENTS, 1908..... 124
Latin.....	37	COMMITTEES, Faculty... 15
Mathematics.....	38	Trustees..... 8
ALUMNI OFFICERS AND VISITORS.....	9	COMPARATIVE Literature, Courses in..... 66
ANTICIPATION of College Courses.....	45	COURSES, Completion of . 88
ART AND CIVILIZATION, History of, Courses in.....	72	Anticipation of..... 45
ART ASSOCIATION.....	106	Conspectus of..... 52
Collection.....	106	COURSES of Instruction.. 54
		Tabular Exhibit of.... 50
		CURRICULUM..... 48

	PAGE		PAGE
DANTE, Course in.....	65	FIELD SPORTS.....	106
DEAN, Duties of (see At- tendance).....	88	FRENCH, Courses in.....	64
DEGREES, Conditions for granting.....	89	for entrance.....	33
Conferred in 1908.....	125	FRESHMAN CLASS, List of	138
Courses leading to B.A.	54	GEOLOGY, Courses in.....	84
Requirements for B.A.	89	Museum.....	96
Requirements for M.A.	89	GERMAN, Courses in.....	66
DISCIPLINE.....	87	for entrance.....	35
ECONOMICS, Courses in...	74	GOVERNMENT AND POLITTI- CAL SCIENCE, Courses in	73
ENGLISH, Courses in.....	59	GRADUATE STUDENTS, Candidates for the de- gree of M.A., list of.	128
for entrance.....	31	GRADUATION in three years.....	46
EXAMINATIONS, for admission.....	39	GREEK, Courses in.....	54
Preliminary.....	41	for entrance.....	37
Semi-annual (see Com- pletion of courses)	88	GROUP SYSTEM.....	48
for Clark Scholarship	107	GROUPS, Admission.....	29
for M.A.....	89	of hours.....	53
EXHIBIT of Studies.....	50	GYMNASIUM.....	97
EXPENSES.....	113	HISTORICAL SKETCH OF COLLEGE.....	17
Treasurer's bills.....	113	The Free School, Act of Establishment.....	17
General expenses— board, etc.....	113	The College, Act of Establishment.....	22
Rooms.....	114	Legislative Grants.....	25
FACULTY, List of.....	10	Amendments to Act of Establishment.....	27
Committees.....	15	College Buildings.....	27
FEES.....	113	HISTORY, Courses in.....	70
		for entrance.....	38
		HONOR SYSTEM.....	87

WILLIAMS COLLEGE

147

	PAGE		PAGE
HONORS.....	104	PARTIAL COURSE, Regula-	
awarded at Commence-		tions concerning.....	46
ment, 1908.....	121	PARTIAL COURSE STU-	
HYGIENE AND PHYSIOL-		DENTS, List of.....	142
OGY, Courses in.....	84	PHI BETA KAPPA.....	103
INFIRMARY.....	98	PHILOSOPHY, Courses in..	68
INSTRUCTION, Officers of.	10	PHYSICAL TRAINING.....	86
ITALIAN, Courses in.....	65	(see Gymnasium)....	97
JUNIOR CLASS, List of...	132	PHYSIOLOGY, Courses in..	84
LABORATORIES, THOMPSON	94	PHYSICS, Courses in.....	80
LABORATORY FEES, etc...	113	Laboratory.....	94
LATIN, Courses in.....	57	POLITICAL SCIENCE,	
for entrance.....	37	(See Government and	
LIBRARY.....	93	Political Science)....	73
LYCEUM OF NATURAL		PREACHERS to the College	92
HISTORY.....	105	PRELIMINARY Examina-	
MAP..... Frontispiece		tions.....	41
MATHEMATICS, Courses in	75	PRESIDENTS, List of.....	7
for entrance.....	38	PRIZES.....	98
METEOROLOGY, Courses in	78	Benedict.....	98
MUSEUM and Collections.	96	Book.....	98
OBSERVATORIES.....	95	Canby Athletic.....	103
OFFICERS OF INSTRUCTION	10	Conant, F. S.....	102
OFFICERS OF ADMINISTRA-		Debating.....	102
TION.....	14	Dewey.....	100
Alumni.....	9	Graves.....	99
ORATORY, Courses in.....	63	Greek.....	102
		Lathers (Gold Medal)..	100
		Philadelphia Alumni	
		Cup.....	103
		Rhetorical.....	99
		Rice.....	99
		Van Vechten.....	99

	PAGE		PAGE
PRIZES continued		SENIOR CLASS, List of	135
David A. Wells	116	SENIOR. Course in	66
Awarded at Commencement		SENIORS, by Classes	139
1886, 1887	117	Candidates for M.A.	128
PROCESSIONAL LAW PRIZES		Partial Course	142
1887	68	SENIORS	128
RECORDS AND REPORTS	92	Summary by Classes	143
RECORDING	92	Summary by States	143
RECORDING EXHIBITS	92	SENIOR. Tachist. Exhibit	
REPORTS	92	of	50
ROBIN. College	114	THOMPSON Course of En-	
		tertainments	106
SCHOLARSHIPS, List of		THOMPSON'S BILLS	113
Funds	111	THOMPSON, List of	7
Basis of award	109	Connections	8
General	109	TUTORING	113
Holders, List of	112		
Honore F. Clark prize	107	WORKING. PUBLIC	92
Honor	108		
SENIOR CLASS, List of	139		